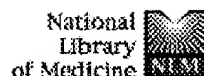


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L15	human microglia	33	L15
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L10	(microglia)	1068	L10
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L5	Kim-Seung-U.IN.	6	L5
L4	Kim-S-U.IN.	552	L4
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- ☐ **1:** [Kuwabara Y, Yokoyama A, Yang L, Toku K, Mori K, Takeda I, Shigeoka T, Zhang B, Maeda N, Sakanaka M, Tanaka J.](#) [Related Articles, Links](#)

Two populations of microglial cells isolated from rat primary mixed glial cultures.  
 J Neurosci Res. 2003 Jul 1;73(1):22-30.  
 PMID: 12815705 [PubMed - indexed for MEDLINE]
- ☐ **2:** [Schaeffer K, Rocchini A, Dinkins J, Matzelle DD, Banik NL.](#) [Related Articles, Links](#)

Calpain expression and infiltration of activated T cells in experimental allergic encephalomyelitis over time: increased calpain activity begins with onset of disease.  
 J Neuroimmunol. 2002 Aug;129(1-2):1-9.  
 PMID: 12161014 [PubMed - indexed for MEDLINE]
- ☐ **3:** [Larsson LC, Corbaccio M, Widner H, Pearson TC, Larsen CP, Ekberg H.](#) [Related Articles, Links](#)

Simultaneous inhibition of B7 and LFA-1 signaling prevents rejection of discordant neural xenografts in mice lacking CD40L.  
 Xenotransplantation. 2002 Jan;9(1):68-76.  
 PMID: 12005106 [PubMed - indexed for MEDLINE]
- ☐ **4:** [Mizuno T, Yoshihara Y, Inazawa J, Kagamiyama H, Mori K.](#) [Related Articles, Links](#)

cDNA cloning and chromosomal localization of the human telencephalin and its distinctive interaction with lymphocyte function-associated antigen-1.  
 J Biol Chem. 1997 Jan 10;272(2):1156-63.  
 PMID: 8995416 [PubMed - indexed for MEDLINE]
- ☐ **5:** [Bo L, Peterson JW, Mork S, Hoffman PA, Gallatin WM, Ranschoff RM, Trapp BD.](#) [Related Articles, Links](#)

Distribution of immunoglobulin superfamily members ICAM-1, -2, -3, and the beta 2 integrin LFA-1 in multiple sclerosis lesions.  
 J Neuropathol Exp Neurol. 1996 Oct;55(10):1060-72.  
 PMID: 8858003 [PubMed - indexed for MEDLINE]
- ☐ **6:** [Becher B, Antel JP.](#) [Related Articles, Links](#)

Comparison of phenotypic and functional properties of immediately ex vivo and cultured human adult microglia.  
 Glia. 1996 Sep;18(1):1-10.  
 PMID: 8891687 [PubMed - indexed for MEDLINE]
- ☐ **7:** [Akiyama H, Kawamata T, Yamada T, Tooyama I, Ishii T, McGeer PL.](#) [Related Articles, Links](#)

Expression of intercellular adhesion molecule (ICAM)-1 by a subset of astrocytes in Alzheimer disease and some other degenerative neurological disorders.  
 Acta Neuropathol (Berl). 1993;85(6):628-34.  
 PMID: 8337942 [PubMed - indexed for MEDLINE]

8: Akiyama H, McGee PL.

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Brain microglia constitutively express beta-2 integrins.

J Neuroimmunol. 1990 Nov;30(1):81-93.

PMID: 1977769 [PubMed - indexed for MEDLINE]

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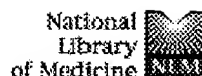
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
















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







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















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
- ☐ 1: [Morner A, Thomas JA, Bjorling E, Munson PJ, Lucas SB, McKnight A.](#) Related Articles, Links  
 Productive HIV-2 infection in the brain is restricted to macrophages/microglia.  
 AIDS. 2003 Jul 4;17(10):1451-5.  
 PMID: 12824782 [PubMed - indexed for MEDLINE]
- ☐ 2: [Bukovsky A, Indrapichate K, Fujiwara H, Cekanova M, Awaia ME, Dominguez R, Caudle MR, Wimalasena J, Elder RF, Copas P, Foster JS, Fernando RI, Henley DC, Upadhyaya NB.](#) Related Articles, Links  
 Multiple luteinizing hormone receptor (LHR) protein variants, interspecies reactivity of anti-LHR mAb clone 3B5, subcellular localization of LHR in human placenta, pelvic floor and brain, and possible role for LHR in the development of abnormal pregnancy, pelvic floor disorders and Alzheimer's disease.  
 Reprod Biol Endocrinol. 2003 Jun 3;1(1):46. Epub 2003 Jun 03.  
 PMID: 12816543 [PubMed - as supplied by publisher]
- ☐ 3: [Kuwabara Y, Yokoyama A, Yang L, Toku K, Mori K, Takeda I, Shigekawa T, Zhang B, Maeda N, Sakanaka M, Tanaka J.](#) Related Articles, Links  
 Two populations of microglial cells isolated from rat primary mixed glial cultures.  
 J Neurosci Res. 2003 Jul 1;73(1):22-30.  
 PMID: 12815705 [PubMed - indexed for MEDLINE]
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 Expression of the interferon-induced MxA protein in viral encephalitis.  
 Neuropathol Appl Neurobiol. 2003 Jun;29(3):273-9.  
 PMID: 12787324 [PubMed - indexed for MEDLINE]
- ☐ 5: [Vallat-Decouvelaere AV, Chretien F, Gras G, Le Pavce G, Dormont D, Gray F.](#) Related Articles, Links  
 Expression of excitatory amino acid transporter-1 in brain macrophages and microglia of HIV-infected patients. A neuroprotective role for activated microglia?  
 J Neuropathol Exp Neurol. 2003 May;62(5):475-85.  
 PMID: 12769187 [PubMed - indexed for MEDLINE]
- ☐ 6: [Trillo-Pazos G, Diamanturos A, Rislove L, Menza T, Chao W, Belem P, Sadiq S, Morgello S, Sharer L, Volsky DJ.](#) Related Articles, Links  
 Detection of HIV-1 DNA in microglia/macrophages, astrocytes and neurons isolated from brain tissue with HIV-1 encephalitis by laser capture microdissection.  
 Brain Pathol. 2003 Apr;13(2):144-54.  
 PMID: 12744468 [PubMed - indexed for MEDLINE]
- ☐ 7: [Deininger MH, Bekure-Nemariam K, Trautmann K, Morgalia M, Meyermann R, Schluesener HJ.](#) Related Articles, Links


-  Cyclooxygenase-1 and -2 in brains of patients who died with sporadic Creutzfeldt-Jakob disease.  
J Mol Neurosci. 2003 Feb;20(1):25-30.  
PMID: 12663931 [PubMed - indexed for MEDLINE]
-  **8:** Oehmichen M, Walter T, Meissner C, Friedrich HJ. [Related Articles, Links](#)  
 Time course of cortical hemorrhages after closed traumatic brain injury: statistical analysis of posttraumatic histomorphological alterations.  
J Neurotrauma. 2003 Jan;20(1):87-103.  
PMID: 12614591 [PubMed - indexed for MEDLINE]
-  **9:** Mankowski JL, Queen SE, Tarwater PJ, Adams RJ, Guilarte TR. [Related Articles, Links](#)  
 Elevated peripheral benzodiazepine receptor expression in simian immunodeficiency virus encephalitis.  
J Neurovirol. 2003 Feb;9(1):94-100.  
PMID: 12587072 [PubMed - indexed for MEDLINE]
-  **10:** Petito CK, Adkins B, McCarthy M, Roberts B, Khamis I. [Related Articles, Links](#)  
 CD4+ and CD8+ cells accumulate in the brains of acquired immunodeficiency syndrome patients with human immunodeficiency virus encephalitis.  
J Neurovirol. 2003 Feb;9(1):36-44.  
PMID: 12587067 [PubMed - indexed for MEDLINE]
-  **11:** Wierzb-Bobrowicz T, Gwiazda E, Kosno-Kruszewska E, Lewandowska E, Lechowicz W, Bertrand E, Szpak GM, Schmidt-Sidor B. [Related Articles, Links](#)  
 Morphological analysis of active microglia--rod and ramified microglia in human brains affected by some neurological diseases (SSPE, Alzheimer's disease and Wilson's disease).  
Folia Neuropathol. 2002;40(3):125-31.  
PMID: 12572918 [PubMed - indexed for MEDLINE]
-  **12:** Rakic S, Zeczevic N. [Related Articles, Links](#)  
 Early oligodendrocyte progenitor cells in the human fetal telencephalon.  
Glia. 2003 Jan 15;41(2):117-27.  
PMID: 12509802 [PubMed - indexed for MEDLINE]
-  **13:** Chen L, Yang P, Kijlstra A. [Related Articles, Links](#)  
 Distribution, markers, and functions of retinal microglia.  
Ocul Immunol Inflamm. 2002 Mar;10(1):27-39. Review.  
PMID: 12461701 [PubMed - indexed for MEDLINE]
-  **14:** Sasaki A, Shoji M, Harigaya Y, Kawarabayashi T, Ikeda M, Naito M, Matsubara E, Abe K, Nakazato Y. [Related Articles, Links](#)  
 Amyloid cored plaques in Tg2576 transgenic mice are characterized by giant plaques, slightly activated microglia, and the lack of paired helical filament-typed, dystrophic neurites.  
Virchows Arch. 2002 Oct;441(4):358-67. Epub 2002 May 01.  
PMID: 12404061 [PubMed - indexed for MEDLINE]
-  **15:** Baker CA, Martin D, Manuelidis L. [Related Articles, Links](#)  
 Microglia from Creutzfeldt-Jakob disease-infected brains are infectious and show specific mRNA activation profiles.  
J Virol. 2002 Nov;76(21):10905-13.  
PMID: 12368333 [PubMed - indexed for MEDLINE]
-  **16:** Clements JE, Babas T, Mankowski JL, Suryanarayana K, Piatak M Jr, Tarwater PM, Lifson JD, Zink MC. [Related Articles, Links](#)

-  The central nervous system as a reservoir for simian immunodeficiency virus (SIV): steady-state levels of SIV DNA in brain from acute through asymptomatic infection.  
J Infect Dis. 2002 Oct 1;186(7):905-13. Epub 2002 Sep 13.  
PMID: 12232830 [PubMed - indexed for MEDLINE]
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Immunohistological study of globoid cell leukodystrophy.  
Brain Dev. 2002 Aug;24(5):284-90.  
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Macrophage-specific gene expression: current paradigms and future challenges.  
Int J Hematol. 2002 Jul;76(1):6-15. Review.  
PMID: 12138897 [PubMed - indexed for MEDLINE]
-  **19:** [Lee YB, Nagai A, Kim SU.](#) [Related Articles, Links](#)  
Cytokines, chemokines, and cytokine receptors in human microglia.  
J Neurosci Res. 2002 Jul 1;69(1):94-103.  
PMID: 12111820 [PubMed - indexed for MEDLINE]
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Cyclooxygenase-2-positive macrophages infiltrate the Alzheimer's disease brain and damage the blood-brain barrier.  
Eur J Clin Invest. 2002 May;32(5):360-71.  
PMID: 12027877 [PubMed - indexed for MEDLINE]
-  **21:** [Beschoner R, Nguyen TD, Gozalan F, Pedal I, Mattern R, Schluesener HJ, Meyermann R, Schwab JM.](#) [Related Articles, Links](#)  
CD14 expression by activated parenchymal microglia/macrophages and infiltrating monocytes following human traumatic brain injury.  
Acta Neuropathol (Berl). 2002 Jun;103(6):541-9. Epub 2002 Jan 30.  
PMID: 12012085 [PubMed - indexed for MEDLINE]
-  **22:** [Schwab JM, Beschoner R, Meyermann R, Gozalan F, Schluesener HJ.](#) [Related Articles, Links](#)  
Persistent accumulation of cyclooxygenase-1-expressing microglial cells and macrophages and transient upregulation by endothelium in human brain injury.  
J Neurosurg. 2002 May;96(5):892-9.  
PMID: 12005397 [PubMed - indexed for MEDLINE]
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Cloning and characterization of human Siglec-11. A recently evolved signaling that can interact with SHP-1 and SHP-2 and is expressed by tissue macrophages, including brain microglia.  
J Biol Chem. 2002 Jul 5;277(27):24466-74. Epub 2002 May 01.  
PMID: 11986327 [PubMed - indexed for MEDLINE]
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Immunohistochemical analysis of anti-Hu-associated paraneoplastic encephalomyelitis.  
Acta Neuropathol (Berl). 2002 May;103(5):509-15. Epub 2002 Jan 31.  
PMID: 11935268 [PubMed - indexed for MEDLINE]
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-  Macrophage/microglial cell subpopulations in glioblastoma multiforme relapses are differentially altered by radiochemotherapy.  
J Neurooncol. 2001 Dec;55(3):141-7.  
PMID: 11859968 [PubMed - indexed for MEDLINE]
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 CD40-CD40L interactions induce chemokine expression by human microglia: implications for human immunodeficiency virus encephalitis and multiple sclerosis.  
Am J Pathol. 2002 Feb;160(2):559-67.  
PMID: 11839576 [PubMed - indexed for MEDLINE]
-  **27:** Nagai A, Nakagawa E, Hatori K, Choi HB, McLarnon JG, Lee MA, Kim SU. [Related Articles](#), [Links](#)  
 Generation and characterization of immortalized human microglial cell lines: expression of cytokines and chemokines.  
Neurobiol Dis. 2001 Dec;8(6):1057-68.  
PMID: 11741401 [PubMed - indexed for MEDLINE]
-  **28:** Fjellebeen C, Ruchoux MM, Mitchell V, Vincent S, Benaissa M, Perve A. [Related Articles](#), [Links](#)  
 Lactoferrin is synthesized by activated microglia in the human substantia nigra and its synthesis by the human microglial CHME cell line is upregulated by tumor necrosis factor alpha or 1-methyl-4-phenylpyridinium treatment.  
Brain Res Mol Brain Res. 2001 Nov 30;96(1-2):103-13.  
PMID: 11731015 [PubMed - indexed for MEDLINE]
-  **29:** Wang TH, Donaldson YK, Brettle RP, Bell JE, Simmonds P. [Related Articles](#), [Links](#)  
 Identification of shared populations of human immunodeficiency virus type 1 infecting microglia and tissue macrophages outside the central nervous system.  
J Virol. 2001 Dec;75(23):11686-99.  
PMID: 11689650 [PubMed - indexed for MEDLINE]
-  **30:** Zink MC, Coleman GD, Mankowski JL, Adams RJ, Tarwater PM, Fox K, Clements JE. [Related Articles](#), [Links](#)  
 Increased macrophage chemoattractant protein-1 in cerebrospinal fluid precedes and predicts simian immunodeficiency virus encephalitis.  
J Infect Dis. 2001 Oct 15;184(8):1015-21. Epub 2001 Sep 10. Erratum in: J Infect Dis 2002 Jun 1;185(11):1696.  
PMID: 11574916 [PubMed - indexed for MEDLINE]
-  **31:** Peterson JW, Bo L, Mork S, Chang A, Trapp BD. [Related Articles](#), [Links](#)  
 Transected neurites, apoptotic neurons, and reduced inflammation in cortical multiple sclerosis lesions.  
Ann Neurol. 2001 Sep;50(3):389-400.  
PMID: 11558796 [PubMed - indexed for MEDLINE]
-  **32:** Heneka MT, Wiesinger H, Dumitrescu-Ozimek L, Riederer P, Feinstein DL, Klockgether T. [Related Articles](#), [Links](#)  
 Neuronal and glial coexpression of argininosuccinate synthetase and inducible nitric oxide synthase in Alzheimer disease.  
J Neuropathol Exp Neurol. 2001 Sep;60(9):906-16.  
PMID: 11556547 [PubMed - indexed for MEDLINE]
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 Establishment of microglial cell cultures derived from postmortem human adult brain tissue: immunophenotypical and functional characterization.

Microsc Res Tech. 2001 Jul 1;54(1):34-9.  
PMID: 11526955 [PubMed - indexed for MEDLINE]


-  **34:** [Paloneva J, Autti T, Raininko R, Partanen J, Salonen O, Puranen M, Hakola P, Haltia M.](#) [Related Articles, Links](#)

 CNS manifestations of Nasu-Hakola disease: a frontal dementia with bone cysts.  
Neurology. 2001 Jun 12;56(11):1552-8.  
PMID: 11402114 [PubMed - indexed for MEDLINE]


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
 Activated microglia in the human glaucomatous optic nerve head.  
J Neurosci Res. 2001 Jun 1;64(5):523-32.  
PMID: 11391707 [PubMed - indexed for MEDLINE]


-  **36:** [Mittelbronn M, Dietz K, Schluesener HJ, Meyermann R.](#) [Related Articles, Links](#)


 Local distribution of microglia in the normal adult human central nervous system differs by up to one order of magnitude.  
Acta Neuropathol (Berl). 2001 Mar;101(3):249-55.  
PMID: 11307625 [PubMed - indexed for MEDLINE]


-  **37:** [Klein R, Roggendorf W.](#) [Related Articles, Links](#)

 Increased microglia proliferation separates pilocytic astrocytomas from diffuse astrocytomas: a double labeling study.  
Acta Neuropathol (Berl). 2001 Mar;101(3):245-8.  
PMID: 11307624 [PubMed - indexed for MEDLINE]


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
 Expression and localization of scatter factor/hepatocyte growth factor in human astrocytomas.  
Neuro-oncol. 2001 Apr;3(2):82-8.  
PMID: 11296484 [PubMed - indexed for MEDLINE]


-  **39:** [Schwab JM, Nguyen TD, Meyermann R, Schluesener HJ.](#) [Related Articles, Links](#)


 Human focal cerebral infarctions induce differential lesional interleukin-16 (IL-16) expression confined to infiltrating granulocytes, CD8+ T-lymphocytes and activated microglia/macrophages.  
J Neuroimmunol. 2001 Mar 1;114(1-2):232-41.  
PMID: 11240037 [PubMed - indexed for MEDLINE]


-  **40:** [Schwab JM, Schluesener HJ, Seid K, Meyermann R.](#) [Related Articles, Links](#)

 IL-16 is differentially expressed in the developing human fetal brain by microglial cells in zones of neurogenesis.  
Int J Dev Neurosci. 2001 Feb;19(1):93-100.  
PMID: 11226758 [PubMed - indexed for MEDLINE]



















-  **41:** [Schluesener HJ, Kromsner PG, Meyermann R.](#) [Related Articles, Links](#)



















 Heme oxygenase-1 in lesions of human cerebral malaria.  
Acta Neuropathol (Berl). 2001 Jan;101(1):65-8.  
PMID: 11194943 [PubMed - indexed for MEDLINE]

-  **42:** [Bornemann KD, Wiederhold KH, Pauli C, Ermini F, Stalder M, Schnell L, Sommer B, Jucker M, Staufenbiel M.](#) [Related Articles, Links](#)

 Abeta-induced inflammatory processes in microglia cells of APP23 transgenic mice.  
Am J Pathol. 2001 Jan;158(1):63-73.  
PMID: 11141480 [PubMed - indexed for MEDLINE]



-  **43:** [Arnold SE, Han LY, Clark CM, Grossman M, Trojanowski JQ.](#) [Related Articles, Links](#)  
 Quantitative neurohistological features of frontotemporal degeneration.  
Neurobiol Aging. 2000 Nov-Dec;21(6):913-9.  
PMID: 11124442 [PubMed - indexed for MEDLINE]
-  **44:** [Yang P, Das PK, Kijlstra A.](#) [Related Articles, Links](#)  
 Localization and characterization of immunocompetent cells in the human retina.  
Ocul Immunol Inflamm. 2000 Sep;8(3):149-57.  
PMID: 11120576 [PubMed - indexed for MEDLINE]
-  **45:** [Fausser S, Deininger MH, Kremsner PG, Magdolen V, Luther T, Meyermann R, Schluesener HJ.](#) [Related Articles, Links](#)  
 Lesion associated expression of urokinase-type plasminogen activator receptor (uPAR, CD87) in human cerebral malaria.  
J Neuroimmunol. 2000 Nov 1;111(1-2):234-40.  
PMID: 11063844 [PubMed - indexed for MEDLINE]
-  **46:** [Schmitt AB, Buss A, Breuer S, Brook GA, Pech K, Martin D, Schoenen J, Noth J, Love S, Schroder JM, Kreutzberg GW, Nacimiento W.](#) [Related Articles, Links](#)  
 Major histocompatibility complex class II expression by activated microglia caudal to lesions of descending tracts in the human spinal cord is not associated with a T cell response.  
Acta Neuropathol (Berl). 2000 Nov;100(5):528-36.  
PMID: 11045675 [PubMed - indexed for MEDLINE]
-  **47:** [Postler E, Rimner A, Beschoner R, Schluesener HJ, Meyermann R.](#) [Related Articles, Links](#)  
 Corrigendum to "Allograft-inflammatory-factor-1 is upregulated in microglial cells in human cerebral infarctions". [J. Neuroimmunol. 104, 85-91](1)[Corrected and republished from J Neuroimmunol. 2000 Apr 3;104 (1):85-91]  
J Neuroimmunol. 2000 Aug 1;108(1-2):244-50.  
PMID: 10900360 [PubMed - indexed for MEDLINE]
-  **48:** [Albright AV, Shieh JJ, O'Connor MJ, Gonzalez-Scarano F.](#) [Related Articles, Links](#)  
 Characterization of cultured microglia that can be infected by HIV-1.  
J Neurovirol. 2000 May;6 Suppl 1:S53-60.  
PMID: 10871766 [PubMed - indexed for MEDLINE]
-  **49:** [Schwab JM, Nguyen TD, Postler E, Meyermann R, Schluesener HJ.](#) [Related Articles, Links](#)  
 Selective accumulation of cyclooxygenase-1-expressing microglial cells/macrophages in lesions of human focal cerebral ischemia.  
Acta Neuropathol (Berl). 2000 Jun;99(6):609-14.  
PMID: 10867793 [PubMed - indexed for MEDLINE]
-  **50:** [Sasaki A, Nakazato Y, Ogawa A, Sugihara S.](#) [Related Articles, Links](#)  
 The immunophenotype of perivascular cells in the human brain.  
Pathol Int. 1996 Jan;46(1):15-23.  
PMID: 10846545 [PubMed - indexed for MEDLINE]
-  **51:** [Arends YM, Duyckaerts C, Rozemuller JM, Eikelenboom P, Hauw JJ.](#) [Related Articles, Links](#)  
 Microglia, amyloid and dementia in alzheimer disease. A correlative study.  
Neurobiol Aging. 2000 Jan-Feb;21(1):39-47.  
PMID: 10794847 [PubMed - indexed for MEDLINE]  
[Sandmair AM, Turunen M, Tyvnela K, Loimas S, Vainio P.](#)

-  **52:** [Vanninen R, Vapalahti M, Bjerkvig R, Janne J, Yla-Herttuala S.](#) [Related Articles, Links](#)  
 Herpes simplex virus thymidine kinase gene therapy in experimental rat BT4C glioma model: effect of the percentage of thymidine kinase-positive glioma cells on treatment effect, survival time, and tissue reactions. *Cancer Gene Ther.* 2000 Mar;7(3):413-21. PMID: 10766347 [PubMed - indexed for MEDLINE]
-  **53:** [Postler E, Rimmer A, Beschorner R, Schlussener HJ, Meyermann R.](#) [Related Articles, Links](#)  
 Allograft-inflammatory-factor-1 is upregulated in microglial cells in human cerebral infarctions. *J Neuroimmunol.* 2000 Apr 3;104(1):85-91. Corrected and republished in: *J Neuroimmunol* 2000 Aug 1;108(1-2):244-50. PMID: 10683518 [PubMed - indexed for MEDLINE]
-  **54:** [Kulla A, Liigant A, Piirscoo A, Rippin G, Asser T.](#) [Related Articles, Links](#)  
 Tenascin expression patterns and cells of monocyte lineage: relationship in human gliomas. *Mod Pathol.* 2000 Jan;13(1):56-67. PMID: 10658911 [PubMed - indexed for MEDLINE]
-  **55:** [An SF, Groves M, Giometto B, Beckett AA, Searavilli F.](#) [Related Articles, Links](#)  
 Detection and localisation of HIV-1 DNA and RNA in fixed adult AIDS brain by polymerase chain reaction/in situ hybridisation technique. *Acta Neuropathol (Berl).* 1999 Nov;98(5):481-7. PMID: 10541871 [PubMed - indexed for MEDLINE]
-  **56:** [An SF, Groves M, Gray F, Searavilli F.](#) [Related Articles, Links](#)  
 Early entry and widespread cellular involvement of HIV-1 DNA in brains of HIV-1 positive asymptomatic individuals. *J Neuropathol Exp Neurol.* 1999 Nov;58(11):1156-62. PMID: 10560658 [PubMed - indexed for MEDLINE]
-  **57:** [Tomlinson GS, Simmonds P, Busuttill A, Chiswick A, Bell JE.](#) [Related Articles, Links](#)  
 Upregulation of microglia in drug users with and without pre-symptomatic HIV infection. *Neuropathol Appl Neurobiol.* 1999 Oct;25(5):369-79. PMID: 10564526 [PubMed - indexed for MEDLINE]
-  **58:** [Di Patre PL, Read SL, Cummings JL, Tomiyasu U, Vartavarian LM, Secor DL, Vinters HV.](#) [Related Articles, Links](#)  
 Progression of clinical deterioration and pathological changes in patients with Alzheimer disease evaluated at biopsy and autopsy. *Arch Neurol.* 1999 Oct;56(10):1254-61. PMID: 10520942 [PubMed - indexed for MEDLINE]
-  **59:** [Kobayashi K, Hayashi M, Fukutani Y, Miyazu K, Shiozawa M, Muramori F, Aoki T, Koshino Y.](#) [Related Articles, Links](#)  
 KPI expression of ghost Pick bodies, amyloid P-positive astrocytes and selective nigral degeneration in early onset Picks disease. *Clin Neuropathol.* 1999 Sep-Oct;18(5):240-9. Review. PMID: 10505433 [PubMed - indexed for MEDLINE]
-  **60:** [Pouly S, Becher B, Blain M, Antel JP.](#) [Related Articles, Links](#)  
 Expression of a homologue of rat NG2 on human microglia. *Glia.* 1999 Sep;27(3):259-68. PMID: 10457372 [PubMed - indexed for MEDLINE]
- [Knott RM, Robertson M, Muckersie E, Folefac VA, Fairhurst FE.](#) [Related Articles, Links](#)

61: [Wileman SM, Forrester JV.](#)



A model system for the study of human retinal angiogenesis: activation of monocytes and endothelial cells and the association with the expression of the monocarboxylate transporter type 1 (MCT-1).  
Diabetologia. 1999 Jul;42(7):870-7.  
PMID: 10440131 [PubMed - indexed for MEDLINE]

62: [Rezaie P, Patel K, Male DK.](#)

[Related Articles, Links](#)



Microglia in the human fetal spinal cord--patterns of distribution, morphology and phenotype.  
Brain Res Dev Brain Res. 1999 Jun 8;115(1):71-81.  
PMID: 10366704 [PubMed - indexed for MEDLINE]

63: [Wagner S, Czub S, Greif M, Vinoc GH, Suss N, Kerkau S, Rieckmann P, Roggendorf W, Roosen K, Tonn JC.](#)

[Related Articles, Links](#)



Microglial/macrophage expression of interleukin 10 in human glioblastomas.  
Int J Cancer. 1999 Jul 2;82(1):12-6.  
PMID: 10360813 [PubMed - indexed for MEDLINE]

64: [Oehmichen M, Theuerkauf I, Meissner C.](#)

[Related Articles, Links](#)



Is traumatic axonal injury (AI) associated with an early microglial activation? Application of a double-labeling technique for simultaneous detection of microglia and AI.  
Acta Neuropathol (Berl). 1999 May;97(5):491-4.  
PMID: 10334486 [PubMed - indexed for MEDLINE]

65: [Aoki T, Kobayashi K, Isaki K.](#)

[Related Articles, Links](#)



Microglial and astrocytic change in brains of Creutzfeldt-Jakob disease: an immunocytochemical and quantitative study.  
Clin Neuropathol. 1999 Mar-Apr;18(2):51-60.  
PMID: 10192699 [PubMed - indexed for MEDLINE]

66: [Love S, Barber R, Wilcock GK.](#)

[Related Articles, Links](#)



Increased poly(ADP-ribosyl)ation of nuclear proteins in Alzheimer's disease.  
Brain. 1999 Feb;122 (Pt 2):247-53.  
PMID: 10071053 [PubMed - indexed for MEDLINE]

67: [Reynolds WF, Rhee J, Maciejewski D, Paladino T, Sieburg H, Maki RA, Masliah E.](#)

[Related Articles, Links](#)



Myeloperoxidase polymorphism is associated with gender specific risk for Alzheimer's disease.  
Exp Neurol. 1999 Jan;155(1):31-41.  
PMID: 9918702 [PubMed - indexed for MEDLINE]

68: [Katsetos CD, Finke JF, Legido A, Lischner HW, de Chadarevian JP, Kave EM, Platsoucas CD, Oleszak EL.](#)

[Related Articles, Links](#)





















Angiocentric CD3(+) T-cell infiltrates in human immunodeficiency virus type 1-associated central nervous system disease in children.  
Clin Diagn Lab Immunol. 1999 Jan;6(1):105-14.  
PMID: 9874673 [PubMed - indexed for MEDLINE]










69: [Zhao ML, Liu JS, He D, Dickson DW, Lee SC.](#)




















[Related Articles, Links](#)




Inducible nitric oxide synthase expression is selectively induced in astrocytes isolated from adult human brain.  
Brain Res. 1998 Dec 7;813(2):402-5.  
PMID: 9838203 [PubMed - indexed for MEDLINE]

-  **70:** [Andjelkovic AV, Nikolic B, Pachter JS, Zecevic N.](#) [Related Articles, Links](#)  
 Macrophages/microglial cells in human central nervous system during development: an immunohistochemical study.  
Brain Res. 1998 Dec 14;814(1-2):13-25.  
PMID: 9838024 [PubMed - indexed for MEDLINE]
-  **71:** [Schmitt AB, Brook GA, Russ A, Nacimient W, Noth J, Kreutzberg GW.](#) [Related Articles, Links](#)  
 Dynamics of microglial activation in the spinal cord after cerebral infarction are revealed by expression of MHC class II antigen.  
Neuropathol Appl Neurobiol. 1998 Jun;24(3):167-76.  
PMID: 9717181 [PubMed - indexed for MEDLINE]
-  **72:** [Mesquita R, Castanos-Velez E, Biberfeld P, Troian RM, de Siqueira MM.](#) [Related Articles, Links](#)  
 Measles virus antigen in macrophage/microglial cells and astrocytes of subacute sclerosing panencephalitis.  
APMIS. 1998 May;106(5):553-61.  
PMID: 9674893 [PubMed - indexed for MEDLINE]
-  **73:** [Zecevic N, Andjelkovic A, Mathieu JM, Tosic M.](#) [Related Articles, Links](#)  
 Myelin basic protein immunoreactivity in the human embryonic CNS.  
Brain Res Dev Brain Res. 1998 Jan 14;105(1):97-108.  
PMID: 9497084 [PubMed - indexed for MEDLINE]
-  **74:** [Zecevic N, Andjelkovic A, Mathieu J, Tosic M.](#) [Related Articles, Links](#)  
 Myelin basic protein immunoreactivity in the human embryonic CNS  
Brain Res Dev Brain Res. 1998 Jan 14;105(1):97-108.  
PMID: 9473608 [PubMed - as supplied by publisher]
-  **75:** [Kobayashi K, Muramori F, Aoki T, Hayashi M, Miyazu K, Fukutani Y, Mukai M, Koshino F.](#) [Related Articles, Links](#)  
 KP-1 is a marker for extraneuronal neurofibrillary tangles and senile plaques in Alzheimer diseased brains.  
Dement Geriatr Cogn Disord. 1998 Jan-Feb;9(1):13-9.  
PMID: 9469259 [PubMed - indexed for MEDLINE]
-  **76:** [Vowinckel E, Reutens D, Becher B, Verge G, Evans A, Owens T, Antel JP.](#) [Related Articles, Links](#)  
 PK11195 binding to the peripheral benzodiazepine receptor as a marker of microglia activation in multiple sclerosis and experimental autoimmune encephalomyelitis.  
J Neurosci Res. 1997 Oct 15;50(2):345-53.  
PMID: 9373043 [PubMed - indexed for MEDLINE]
-  **77:** [Dick AD, Pell M, Brew BJ, Foulcher E, Sedgwick JD.](#) [Related Articles, Links](#)  
 Direct ex vivo flow cytometric analysis of human microglial cell CD4 expression: examination of central nervous system biopsy specimens from HIV-seropositive patients and patients with other neurological disease.  
AIDS. 1997 Nov 15;11(14):1699-708.  
PMID: 9386804 [PubMed - indexed for MEDLINE]
-  **78:** [McKechnie NM, Gurr W, Braun G.](#) [Related Articles, Links](#)  
 Immunization with the cross-reactive antigens Ov39 from *Onchocerca volvulus* and hr44 from human retinal tissue induces ocular pathology and activates retinal microglia.  
J Infect Dis. 1997 Nov;176(5):1334-43.  
PMID: 9359736 [PubMed - indexed for MEDLINE]


- 79: [Maat-Schieman ML, van Duinen SG, Rozemuller AJ, Haan J, Roos RA.](#) [Related Articles, Links](#)  
 Association of vascular amyloid beta and cells of the mononuclear phagocyte system in hereditary cerebral hemorrhage with amyloidosis (Dutch) and Alzheimer disease.  
*J Neuropathol Exp Neurol.* 1997 Mar;56(3):273-84.  
 PMID: 9056541 [PubMed - indexed for MEDLINE]
- 80: [Makrigeorgi-Butera M, Hagel C, Laas R, Puschel K, Stavrou D.](#) [Related Articles, Links](#)  
 Comparative brain pathology of HIV-seronegative and HIV-infected drug addicts.  
*Clin Neuropathol.* 1996 Nov-Dec;15(6):324-9.  
 PMID: 8937778 [PubMed - indexed for MEDLINE]
- 81: [Fox RJ, Levin MC, Jacobson S.](#) [Related Articles, Links](#)  
 Tumor necrosis factor alpha expression in the spinal cord of human T-cell lymphotropic virus type I associated myelopathy/tropical spastic paraparesis patients.  
*J Neurovirol.* 1996 Oct;2(5):323-9.  
 PMID: 8912208 [PubMed - indexed for MEDLINE]
- 82: [Lue JF, Brachova L, Walker DG, Rogers J.](#) [Related Articles, Links](#)  
 Characterization of glial cultures from rapid autopsies of Alzheimer's and control patients.  
*Neurobiol Aging.* 1996 May-Jun;17(3):421-9.  
 PMID: 8725904 [PubMed - indexed for MEDLINE]
- 83: [Hulette CM.](#) [Related Articles, Links](#)  
 Microglioma, a histiocytic neoplasm of the central nervous system.  
*Mod Pathol.* 1996 Mar;9(3):316-9.  
 PMID: 8685234 [PubMed - indexed for MEDLINE]
- 84: [Provis JM, Diaz CM, Penfold PL.](#) [Related Articles, Links](#)  
 Microglia in human retina: a heterogeneous population with distinct ontogenies.  
*Perspect Dev Neurobiol.* 1996;3(3):213-22. Review.  
 PMID: 8931095 [PubMed - indexed for MEDLINE]
- 85: [Krupinski J, Kaluza J, Kumar P, Kumar S.](#) [Related Articles, Links](#)  
 Immunocytochemical studies of cellular reaction in human ischemic brain stroke. MAB anti-CD68 stains macrophages, astrocytes and microglial cells in infarcted area.  
*Folia Neuropathol.* 1996;34(1):17-24.  
 PMID: 8855083 [PubMed - indexed for MEDLINE]
- 86: [Oehmichen M, Meissner C, Reiter A, Birkholz M.](#) [Related Articles, Links](#)  
 Neuropathology in non-human immunodeficiency virus-infected drug addicts: hypoxic brain damage after chronic intravenous drug abuse.  
*Acta Neuropathol (Berl).* 1996;91(6):642-6.  
 PMID: 8781664 [PubMed - indexed for MEDLINE]
- 87: [Engel S, Wehner HD, Meyermann R.](#) [Related Articles, Links](#)  
 Expression of microglial markers in the human CNS after closed head injury.  
*Acta Neurochir Suppl (Wien).* 1996;66:89-95.  
 PMID: 8780804 [PubMed - indexed for MEDLINE]
- [Dollard SC, James HJ, Sharer LR, Epstein LG, Gelbard HA.](#)


-  **88:** [Dewhurst S.](#) [Related Articles, Links](#)  
 Activation of nuclear factor kappa B in brains from children with HIV-1 encephalitis.  
Neuropathol Appl Neurobiol. 1995 Dec;21(6):518-28.  
PMID: 8745241 [PubMed - indexed for MEDLINE]
-  **89:** [Muhleisen H., Gehrmann J., Meyermann R.](#) [Related Articles, Links](#)  
 Reactive microglia in Creutzfeldt-Jakob disease.  
Neuropathol Appl Neurobiol. 1995 Dec;21(6):505-17.  
PMID: 8745240 [PubMed - indexed for MEDLINE]
-  **90:** [Ranki A., Nyberg M., Ovod V., Haltia M., Elovaara J., Raininko R., Haapasalo H., Krohn K.](#) [Related Articles, Links](#)  
 Abundant expression of HIV Nef and Rev proteins in brain astrocytes in vivo is associated with dementia.  
AIDS. 1995 Sep;9(9):1001-8.  
PMID: 8527071 [PubMed - indexed for MEDLINE]
-  **91:** [Janabi N., Peudenier S., Heron B., Ng K.H., Tardieu M.](#) [Related Articles, Links](#)  
 Establishment of human microglial cell lines after transfection of primary cultures of embryonic microglial cells with the SV40 large T antigen.  
Neurosci Lett. 1995 Aug 4;195(2):105-8.  
PMID: 7478261 [PubMed - indexed for MEDLINE]
-  **92:** [Ulvestad E., Williams K., Bjerkvig R., Tiekotter K., Antel J., Matre R.](#) [Related Articles, Links](#)  
 Human microglial cells have phenotypic and functional characteristics in common with both macrophages and dendritic antigen-presenting cells.  
J Leukoc Biol. 1994 Dec;56(6):732-40.  
PMID: 7996050 [PubMed - indexed for MEDLINE]
-  **93:** [Lee S.C., Liu W., Brosnan C.F., Dickson D.W.](#) [Related Articles, Links](#)  
 GM-CSF promotes proliferation of human fetal and adult microglia in primary cultures.  
Glia. 1994 Dec;12(4):309-18.  
PMID: 7890333 [PubMed - indexed for MEDLINE]
-  **94:** [Ulvestad E., Williams K., Mork S., Antel J., Nyland H.](#) [Related Articles, Links](#)  
 Phenotypic differences between human monocytes/macrophages and microglial cells studied in situ and in vitro.  
J Neuropathol Exp Neurol. 1994 Sep;53(5):492-501.  
PMID: 8083690 [PubMed - indexed for MEDLINE]
-  **95:** [Weis S., Neuhaus B., Mehraein P.](#) [Related Articles, Links](#)  
 Activation of microglia in HIV-1 infected brains is not dependent on the presence of HIV-1 antigens.  
Neuroreport. 1994 Jul 21;5(12):1514-6.  
PMID: 7948851 [PubMed - indexed for MEDLINE]
-  **96:** [Jaspars F.H., Bloemena E., Bonnet P., Schepers R.J., Kaiserling E., Meijer C.J.](#) [Related Articles, Links](#)  
 A new monoclonal antibody (3A5) that recognises a fixative resistant epitope on tissue macrophages and monocytes.  
J Clin Pathol. 1994 Mar;47(3):248-52.  
PMID: 7512995 [PubMed - indexed for MEDLINE]
-  **97:** [Iwasaki Y., Sako K., Ohara Y., Miyazawa M., Minegishi M., Tsuchiya S., Konno T.](#) [Related Articles, Links](#)


Subacute panencephalitis associated with chronic graft-versus-host disease.


 Acta Neuropathol (Berl). 1993;85(5):566-72.  
PMID: 8493865 [PubMed - indexed for MEDLINE]


 **98:** [Sasaki A, Hirato J, Nakazato Y.](#) [Related Articles](#), [Links](#)

 Immunohistochemical study of microglia in the Creutzfeldt-Jakob diseased brain.  
Acta Neuropathol (Berl). 1993;86(4):337-44.  
PMID: 8256583 [PubMed - indexed for MEDLINE]


 **99:** [Lyman WD, Hatch WC, Pousada E, Stephney G, Rashbaum WK, Weidenheim KM.](#) [Related Articles](#), [Links](#)


 Human fetal myelinated organotypic cultures.  
Brain Res. 1992 Dec 18;599(1):34-44.  
PMID: 1493548 [PubMed - indexed for MEDLINE]


 **100:** [Lee SC, Liu W, Brosnan CF, Dickson DW.](#) [Related Articles](#), [Links](#)

 Characterization of primary human fetal dissociated central nervous system cultures with an emphasis on microglia.  
Lab Invest. 1992 Oct;67(4):465-76.  
PMID: 1359193 [PubMed - indexed for MEDLINE]


 **101:** [Hulette CM, Downey BT, Burger PC.](#) [Related Articles](#), [Links](#)

 Macrophage markers in diagnostic neuropathology.  
Am J Surg Pathol. 1992 May;16(5):493-9. Erratum in: Am J Surg Pathol 1992 Oct;16(10):1029.  
PMID: 1376020 [PubMed - indexed for MEDLINE]

 **102:** [Hutchins KD, Dickson DW, Rashbaum WK, Lyman WD.](#) [Related Articles](#), [Links](#)

 Localization of microglia in the human fetal cervical spinal cord.  
Brain Res Dev Brain Res. 1992 Apr 24;66(2):270-3.  
PMID: 1606692 [PubMed - indexed for MEDLINE]

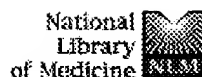
 **103:** [Penfold PL, Madigan MC, Provis JM.](#) [Related Articles](#), [Links](#)

 Antibodies to human leucocyte antigens indicate subpopulations of microglia in human retina.  
Vis Neurosci. 1991 Oct;7(4):383-8.  
PMID: 1751423 [PubMed - indexed for MEDLINE]

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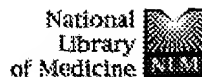
- ☐ **1: Cartier N.** [Related Articles, Links](#)  
 Gene therapy strategies for X-linked adrenoleukodystrophy.  
Curr Opin Mol Ther. 2001 Aug;3(4):357-61. Review.  
PMID: 11525559 [PubMed - indexed for MEDLINE]
- ☐ **2: Boutet A, Altmeyer R, Hery C, Tardieu M.** [Related Articles, Links](#)  
 Direct role of plasma membrane-expressed gp120/41 in toxicity to human astrocytes induced by HIV-1-infected macrophages.  
AIDS. 2000 Dec 1;14(17):2687-97.  
PMID: 11125887 [PubMed - indexed for MEDLINE]
- ☐ **3: van Den Pol AN, Mocarski E, Saederup N, Vieira J, Meier TJ.** [Related Articles, Links](#)  
 Cytomegalovirus cell tropism, replication, and gene transfer in brain.  
J Neurosci. 1999 Dec 15;19(24):10948-65.  
PMID: 10594076 [PubMed - indexed for MEDLINE]
- ☐ **4: Bartlett JS, Samulski RJ, McCown TJ.** [Related Articles, Links](#)  
 Selective and rapid uptake of adeno-associated virus type 2 in brain.  
Hum Gene Ther. 1998 May 20;9(8):1181-6.  
PMID: 9625257 [PubMed - indexed for MEDLINE]
- ☐ **5: Wood MJ, Byrnes AP, Pfaff DW, Rabkin SD, Charlton HM.** [Related Articles, Links](#)  
 Inflammatory effects of gene transfer into the CNS with defective HSV-1 vectors.  
Gene Ther. 1994 Sep;1(5):283-91.  
PMID: 7584093 [PubMed - indexed for MEDLINE]

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Generation and characterization of immortalized human microglial cell lines: expression of cytokines and chemokines.  
Neurobiol Dis. 2001 Dec;8(6):1057-68.  
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L2 ANSWER 1 OF 6 USPATFULL on STN  
AN 2003:200428 USPATFULL

TI Gene expression in monocytes and macrophages  
IN Greaves, David Robert, Oxford, UNITED KINGDOM  
PA Glaxo Wellcome Inc. (non-U.S. corporation)  
PI US 2003138411 A1 20030724  
AI US 2002-60387 A1 20020201 (10)  
RLI Continuation of Ser. No. US 1998-171802, filed on 26 Oct 1998, PENDING A  
371 of International Ser. No. WO 1997-GB1209, filed on 2 May 1997,  
UNKNOWN  
PRAI GB 1996-9261 19960502  
DT Utility  
FS APPLICATION  
LN.CNT 1391  
INCL INCLM: 424/093.210  
INCLS: 435/069.100; 435/372.000; 435/320.100; 536/023.200; 435/226.000  
NCL NCLM: 424/093.210  
NCLS: 435/069.100; 435/372.000; 435/320.100; 536/023.200; 435/226.000  
IC [7]  
ICM: A61K048-00  
ICS: C07H021-04; C12N009-64; C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 2 OF 6 USPATFULL on STN  
AN 2003:112548 USPATFULL  
TI Novel \*\*\*\*human\*\*\*\* beta2 integrin alpha subunit  
IN Gallatin, W. Michael, Mercer Island, WA, UNITED STATES  
Van der Vieren, Monica, Seattle, WA, UNITED STATES  
PA ICOS Corporation (U.S. corporation)  
PI US 2003077278 A1 20030424  
AI US 2001-891943 A1 20010626 (9)  
RLI Division of Ser. No. US 1998-193043, filed on 16 Nov 1998, PATENTED  
Continuation-in-part of Ser. No. US 1997-943363, filed on 3 Oct 1997,  
PATENTED Continuation-in-part of Ser. No. US 1996-605672, filed on 22  
Feb 1996, PATENTED Continuation-in-part of Ser. No. US 1994-362652,  
filed on 21 Dec 1994, PATENTED Continuation-in-part of Ser. No. US  
1994-286889, filed on 5 Aug 1994, PATENTED Continuation-in-part of Ser.  
No. US 1993-173497, filed on 23 Dec 1993, PATENTED  
DT Utility  
FS APPLICATION  
LN.CNT 9721  
INCL INCLM: 424/144.100  
INCLS: 435/334.000  
NCL NCLM: 424/144.100  
NCLS: 435/334.000  
IC [7]  
ICM: A61K039-395  
ICS: C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2002:51606 CAPLUS  
DN 136:113767  
TI Immortalized \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell and continuous cell  
line containing exogenous genes and uses in therapy  
IN Kim, Seung U.  
PA University of British Columbia, Can.  
SO PCT Int. Appl., 46 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 3

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	WO 2002004618	A1	20020117	WO 2000-US18777	20000710
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PRAI	WO 2000-US18777	W	20000710		
	US 2001-855468	A	20010515		
	US 2001-887145	A	20010622		

L2 ANSWER 4 OF 6 USPATFULL on STN  
AN 2002:126365 USPATFULL  
TI Methods of producing and using a \*\*\*human\*\*\* microglial cell line  
IN Kim, Seung U., Vancouver, CANADA  
PI US 2002064877 A1 20020530  
AI US 2001-855468 A1 20010515 (9)  
RLI Continuation of Ser. No. WO 2000-US18777, filed on 10 Jul 2000, UNKNOWN  
DT Utility  
FS APPLICATION  
LN.CNT 346  
INCL INCLM: 435/456.000  
INCLS: 435/368.000  
NCL NCLM: 435/456.000  
NCLS: 435/368.000  
IC [7]  
ICM: C12N015-867  
ICS: C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 6 USPATFULL on STN  
AN 2002:120019 USPATFULL  
TI NOVEL \*\*\*HUMAN\*\*\* BETA2 INTEGRIN ALPHA SUBUNIT  
IN GALLATIN, W. MICHAEL, MERCER ISLAND, WA, UNITED STATES  
VAN DER VIEREN, MONICA, SEATTLE, WA, UNITED STATES  
PI US 2002062008 A1 20020523  
US 6620915 B2 20030916  
AI US 1999-350259 A1 19990708 (9)  
RLI Continuation of Ser. No. US 1998-193043, filed on 16 Nov 1998, GRANTED,  
Pat. No. US 6251395 Continuation-in-part of Ser. No. US 1997-943363,  
filed on 3 Oct 1997, GRANTED, Pat. No. US 5837478 Continuation-in-part  
of Ser. No. US 1996-605672, filed on 22 Feb 1996, GRANTED, Pat. No. US  
5817515 Continuation-in-part of Ser. No. US 1994-362652, filed on 21 Dec  
1994, GRANTED, Pat. No. US 5766850 Continuation-in-part of Ser. No. US  
1994-286889, filed on 5 Aug 1994, GRANTED, Pat. No. US 5470953  
Continuation-in-part of Ser. No. US 1993-173497, filed on 23 Dec 1993,  
GRANTED, Pat. No. US 5437958  
DT Utility  
FS APPLICATION  
LN.CNT 9847  
INCL INCLM: 530/387.300  
INCLS: 530/388.220; 530/388.730  
NCL NCLM: 530/387.300  
NCLS: 530/387.100; 530/387.300; 530/388.100; 530/388.200; 530/388.220;  
530/388.700; 435/326.000; 435/328.000; 435/332.000; 435/334.000;  
435/343.000; 435/343.100; 435/346.000  
IC [7]  
ICM: C07K016-00  
ICS: G01N033-567; C12P021-08  
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AN 2001212146 EMBASE  
TI Establishment of microglial cell cultures derived from postmortem  
\*\*\*human\*\*\* adult brain tissue: Immunophenotypical and functional  
characterization.  
AU De Groot C.J.A.; Hulshof S.; Hoozemans J.J.M.; Veerhuis R.  
CS Dr. C.J.A. De Groot, Department of Pathology, Division of Neuropathology,  
Research Inst. Vrije Univ. Amsterdam, P.O. Box 7057, 1007 MB Amsterdam,  
Netherlands. cja.degroot@azvu.nl  
SO Microscopy Research and Technique, (1 Jul 2001) 54/1 (34-39).  
Refs: 16  
ISSN: 1059-910X CODEN: MRTEEO  
CY United States  
DT Journal; Article  
FS 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
LA English  
SL English

=> s human AND microglia  
21 FILES SEARCHED...  
47 FILES SEARCHED...  
L3 17648 HUMAN AND MICROGLIA

=> DUP REM L3

PROCESSING COMPLETED FOR L3

L4 7127 DUP REM L3 (10521 DUPLICATES REMOVED)

=> s L4 AND CD11?  
10 FILES SEARCHED...  
15 FILES SEARCHED...  
25 FILES SEARCHED...  
37 FILES SEARCHED...  
L5 196 L4 AND CD11?

=> D L5 1-196

L5 ANSWER 1 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:423802 BIOSIS  
DN PREV200300423802  
TI Anti-inflammatory drug therapy alters beta-amyloid processing and  
deposition in an animal model of Alzheimer's disease.  
AU Yan, Qiao; Zhang, Jianhua; Liu, Hantao; Babu-Khan, Safura; Vassar, Robert;  
Biere, Anja Leona; Citron, Martin (1); Landreth, Gary  
CS (1) Amgen, One Amgen Center Drive, M/S 29-2-B, Thousand Oaks, CA,  
91320-1799, USA: mcitron@amgen.com USA  
SO Journal of Neuroscience, (August 20 2003) Vol. 23, No. 20, pp. 7504-7509.  
print.  
ISSN: 0270-6474.  
DT Article  
LA English

L5 ANSWER 2 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:327182 BIOSIS  
DN PREV200300327182  
TI ACTIVATION OF MICROGLIAL CELLS AND INDUCTION OF NEURONAL INJURY BY  
CHOLESTEROL OXIDES FOUND IN THE CEREBROSPINAL FLUID OF PATIENTS WITH  
MULTIPLE SCLEROSIS.  
AU Ullrich, O. (1); Diestel, A. (1); Hackel, D. (1); Haeke, I. (1); Aktas,  
O.; Zipp, F.; Nitsch, R. (1)  
CS (1) Dept Cell Neurobiol Inst Anat, Humboldt Univ Berlin Fac Med, Berlin,  
Germany Germany  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 799.24. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience  
Orlando, Florida, USA November 02-07, 2002 Society for Neuroscience  
DT Conference  
LA English

L5 ANSWER 3 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:326020 BIOSIS  
DN PREV200300326020  
TI MECHANISMS OF AMYLOID SUPPRESSION BY IBUPROFEN AND RELATED NSAIDS.  
AU Morihara, T. (1); Teter, B. (1); Young, F. (1); Lim, G. (1); Chu, T. (1);  
Ubeda, O. (1); Beech, W. (1); Raymond, L. (1); Frautschy, S. (1); Cole, G.  
M. (1)  
CS (1) Dept Med and Neurol, UCLA, North Hills, CA, USA USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 722.5. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience  
Orlando, Florida, USA November 02-07, 2002 Society for Neuroscience  
DT Conference  
LA English

L5 ANSWER 4 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:268374 BIOSIS  
DN PREV200300268374  
TI NEURONAL GLUTAMATE TRANSPORTER EAAT4 IS EXPRESSED IN THE SPINAL CORD  
ASTROCYTES.  
AU Hu, W. H. (1); Walters, W. M. (1); Karmally, S. A. (1); Bethea, J. R. (1)



CS (1) Miami Project Cure Paralysis, Univ Miami Sch Med, Miami, FL, USA USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 44.9. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience  
Orlando, Florida, USA November 02-07, 2002 Society for Neuroscience

DT Conference  
LA English

L5 ANSWER 5 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:6053 BIOSIS  
DN PREV200300006053  
TI Association of factor H of the alternative pathway of complement with  
agrin and complement receptor 3 in the Alzheimer's disease brain.  
AU Strohmeyer, Ron (1); Ramirez, Mauricio; Cole, Gregory J.; Mueller, Kyle;  
Rogers, Joseph  
CS (1) Sun Health Research Institute, P.O. Box 1278, Sun City, AZ, 85372,  
USA: Ronald.Strohmeyer@sunhealth.org USA  
SO Journal of Neuroimmunology, (October 2002, 2002) Vol. 131, No. 1-2, pp.  
135-146. print.  
ISSN: 0165-5728.

DT Article  
LA English

L5 ANSWER 6 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:525747 BIOSIS  
DN PREV200200525747  
TI Calpain expression and infiltration of activated T cells in experimental  
allergic encephalomyelitis over time: Increased calpain activity begins  
with onset of disease.  
AU Schaecher, K.; Rocchini, A.; Dinkins, J.; Matzelle, D. D.; Banik, N. L.  
(1)  
CS (1) Department of Neurology, Medical University of South Carolina (MUSC),  
96 Jonathan Lucas Street, Suite 307, Box 250606, Charleston, SC, 29425:  
banikn1@musc.edu USA  
SO Journal of Neuroimmunology, (August, 2002) Vol. 129, No. 1-2, pp. 1-9.  
<http://www.elsevier.com/locate/jneuroim>. print.  
ISSN: 0165-5728.

DT Article  
LA English

L5 ANSWER 7 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:508730 BIOSIS  
DN PREV200200508730  
TI HIV-1 Tat protein and neurodegeneration: Potential interactions with  
psychostimulants and oxidative damage.  
AU Booze, R. M. (1); Mactutus, C. F. (1); Nath, A. (1); Hasselrot, U. (1);  
Wu, G. (1); Aksenov, M. Y. (1)  
CS (1) University of Kentucky College of Medicine, Lexington, KY USA  
SO Drug and Alcohol Dependence, (1 May, 2002) Vol. 66, No. Supplement 1, pp.  
S18. <http://www.elsevier.com/locate/drugalcdp>. print.  
Meeting Info.: 64th Annual Scientific Meeting of the College on Problems  
of Drug Dependence Quebec City, Quebec, Canada June 08-13, 2002  
ISSN: 0376-8716.

DT Conference  
LA English

L5 ANSWER 8 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:483668 BIOSIS  
DN PREV200200483668  
TI Role of Fcγ receptors in nigral cell injury induced by Parkinson  
disease immunoglobulin injection into mouse substantia nigra.  
AU He, Yi (1); Le, Wei-dong (1); Appel, Stanley H. (1)  
CS (1) Department of Neurology, Baylor College of Medicine, Houston, TX,  
77030 USA  
SO Experimental Neurology, (August, 2002) Vol. 176, No. 2, pp. 322-327.  
<http://www.academicpress.com/en>. print.  
ISSN: 0014-4886.

DT Article  
LA English

L5 ANSWER 9 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:416360 BIOSIS  
DN PREV200200416360  
TI Characterization of the macrophages associated with the tunica vasculosa  
lentic of the rat eye.

AU McMenamin, Paul G. (1); Djano, Jenny; Wealthall, Rosamund; Griffin,  
Brendan J.  
CS (1) School of Anatomy and Human Biology, The University of Western  
Australia, Crawley (Perth), 6009: mcmenamin@anhb.uwa.edu.au Australia  
SO IOVS, (July, 2002) Vol. 43, No. 7, pp. 2076-2082. <http://www.iovs.org>.  
print.  
DT Article  
LA English

L5 ANSWER 10 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:414804 BIOSIS  
DN PREV200200414804  
TI Cytokines, chemokines, and cytokine receptors in \*\*\*human\*\*\*  
\*\*\*microglia\*\*\*

AU Lee, Yong B.; Nagai, Atsushi; Kim, Seung U. (1)  
CS (1) Brain Disease Research Center, Ajou University School of Medicine, 5  
San, Wonchon-Dong, Suwon, 442-721: sukim@madang.ajou.ac.kr South Korea  
SO Journal of Neuroscience Research, (July 1, 2002) Vol. 69, No. 1, pp.  
94-103. <http://www.interscience.wiley.com/jpages/0360-4012/>. print.  
ISSN: 0360-4012.  
DT Article  
LA English

L5 ANSWER 11 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:145064 BIOSIS  
DN PREV200200145064  
TI Generation and characterization of immortalized \*\*\*human\*\*\* microglial  
cell lines: Expression of cytokines and chemokines.  
AU Nagai, A. (1); Nakagawa, E. (1); Hatori, K. (1); Choi, H. B. (1);  
McLarnon, J. G.; Lee, M. A.; Kim, S. U.  
CS (1) Division of Neurology, Department of Medicine, University of British  
Columbia, Vancouver Canada  
SO Neurobiology of Disease, (December, 2001) Vol. 8, No. 6, pp. 1057-1068.  
print.  
ISSN: 0969-9961.  
DT Article  
LA English

L5 ANSWER 12 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2002:38613 BIOSIS  
DN PREV200200038613  
TI Analysis of the role of glial cells in dopaminergic neurodegeneration  
using laser capture microdissection and gene microarrays.  
AU Cantuti-Castelvetri, I. (1); Keller-McGandy, C. E. (1); Korley, J. N. (1);  
Augood, S. J. (1); Standaert, D. G. (1)  
CS (1) Neurology Research, Massachusetts General Hospital, Charlestown, MA  
USA  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2569.  
print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San  
Diego, California, USA November 10-15, 2001  
ISSN: 0190-5295.  
DT Conference  
LA English

L5 ANSWER 13 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:562267 BIOSIS  
DN PREV200100562267  
TI Glial cell line derived neurotrophic factor inhibits MPTP-induced  
microglial activation in the substantia nigra of rhesus monkeys.  
AU Zhao, L. (1); Ai, Y. (1); Jin, L. (1); Zhang, Z. (1); Gash, D. M. (1);  
Bing, G. Y. (1)  
CS (1) Anatomy and Neurobiology, University of Kentucky, Lexington, KY USA  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 1734.  
print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience San  
Diego, California, USA November 10-15, 2001  
ISSN: 0190-5295.  
DT Conference  
LA English  
SL English

L5 ANSWER 14 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:558095 BIOSIS  
DN PREV200100558095  
TI SIV-induced abnormality in CNS evoked potentials correlates with activated

CD8+ T cells in the brain.  
 AU Marcondes, M. C. G. (1); Burudi, E. M. E. (1); Huitron-Resendez, S. (1);  
 CS Sanchez, M. (1); Henriksen, S. J. (1); Fox, H. S. (1)  
 (1) Department of Neuropharmacology, The Scripps Research Institute, La  
 Jolla, CA, 92037 USA  
 SO Journal of Medical Primatology, (August, 2001) Vol. 30, No. 4, pp. 240.  
 print.  
 Meeting Info.: 18th Annual Symposium on Nonhuman Primate Models for AIDS  
 Madison, WI, USA October 04-07, 2000  
 ISSN: 0047-2565.  
 DT Conference  
 LA English  
 SL English

L5 ANSWER 15 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2001:541200 BIOSIS  
 DN PREV200100541200  
 TI Immune reactivity in a mouse model of familial ALS correlates with disease  
 progression.  
 AU Alexianu, Maria E.; Kozovska, Milena; Appel, Stanley H. (1)  
 CS (1) Department of Neurology, Baylor College of Medicine, 6501 Fannin St.,  
 NB 302, Houston, TX, 77030: sappel@bcm.tmc.edu USA  
 SO Neurology, (October 9, 2001) Vol. 57, No. 7, pp. 1282-1289. print.  
 ISSN: 0028-3878.  
 DT Article  
 LA English  
 SL English

L5 ANSWER 16 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2001:503864 BIOSIS  
 DN PREV200100503864  
 TI Marked increase in cyclooxygenase-2 in ALS spinal cord: Implications for  
 therapy.  
 AU Yasojima, K.; Tourtellotte, W. W.; McGeer, E. G.; McGeer, P. L. (1)  
 CS (1) Kinsmen Laboratory of Neurological Research, University of British  
 Columbia, 2255 Wesbrook Mall, Vancouver, BC, V6T 1Z3:  
 mcgeerpl@interchange.ubc.ca Canada  
 SO Neurology, (September 25, 2001) Vol. 57, No. 6, pp. 952-956. print.  
 ISSN: 0028-3878.  
 DT Article  
 LA English  
 SL English

L5 ANSWER 17 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2001:317148 BIOSIS  
 DN PREV200100317148  
 TI ER-MP12+ ER-MP20- macrophage precursors repopulate multiple tissues in MPS  
 VII recipients post transplant and are multipotent.  
 AU Soper, Brian W. (1); Lessard, Mark D. (1); Jude, Craig D. (1); Schuldt,  
 Adam J. (1); Barker, Jane E. (1)  
 CS (1) The Jackson Laboratory, Bar Harbor, ME USA  
 SO Blood, (November 16, 2000) Vol. 96, No. 11 Part 1, pp. 762a. print.  
 Meeting Info.: 42nd Annual Meeting of the American Society of Hematology  
 San Francisco, California, USA December 01-05, 2000 American Society of  
 Hematology  
 . ISSN: 0006-4971.  
 DT Conference  
 LA English  
 SL English

L5 ANSWER 18 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2001:265877 BIOSIS  
 DN PREV200100265877  
 TI Identification of a functional receptor for amyloid beta, the  
 key-contributor to the Alzheimer's disease.  
 AU Le, Ying Ying (1); Gong, Wang Hua; Tiffany, H. Lee; Tumanov, Alexei (1);  
 Nedospasov, Sergei; Shen, Weiping (1)  
 CS (1) FCRDC, National Cancer Institute, Bldg. 560, Frederick, MD, 21702-1201  
 USA  
 SO FASEB Journal, (March 7, 2001) Vol. 15, No. 4, pp. A684. print.  
 Meeting Info.: Annual Meeting of the Federation of American Societies for  
 Experimental Biology on Experimental Biology 2001 Orlando, Florida, USA  
 March 31-April 04, 2001  
 ISSN: 0892-6638.  
 DT Conference  
 LA English

SL English

L5 ANSWER 19 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:88823 BIOSIS  
DN PREV200100088823  
TI Inflammation is more pronounced in Alzheimer disease brain than in  
recognized peripheral inflammatory conditions.  
AU Mc Geer, P. L. (1); McGeer, E. G.; Yasojima, K.  
CS (1) Univ British Columbia, Vancouver, BC Canada  
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract  
No.-299.11. print.  
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience New  
Orleans, LA, USA November 04-09, 2000 Society for Neuroscience  
. ISSN: 0190-5295.  
DT Conference  
LA English  
SL English

L5 ANSWER 20 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:443525 BIOSIS  
DN PREV200000443525  
TI Alzheimer disease and neuroinflammation.  
AU McGeer, P. L. (1); McGeer, E. G.; Yasojima, K.  
CS (1) Kinsmen Laboratory of Neurological Research, University of British  
Columbia, 2255 Westbrook Mall, Vancouver, BC, V6T 1Z3 Canada  
SO Journal of Neural Transmission Supplement, (2000) Vol. 59, pp. 53-57.  
print.  
ISSN: 0303-6995.  
DT Article  
LA English  
SL English

L5 ANSWER 21 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:377545 BIOSIS  
DN PREV200000377545  
TI Role of the phagocytic C1qR (C1qRp) in the CNS: Identification of the  
signalling events following C1pRp crosslinking.  
AU McGreal, Eamon P. (1); Dean, Yann D. (1); van den Berg, Carmen; Morgan, B.  
Paul (1); Gasque, Philippe (1)  
CS (1) Brain Inflammation and Immunity Group, Medical Biochemistry  
Department, UWCM, Heath Park, Cardiff, CF14 4XN UK  
SO Immunopharmacology, (August, 2000) Vol. 49, No. 1-2, pp. 7. print.  
Meeting Info.: XVIIIth International Complement Workshop Salt Lake City,  
Utah, USA July 23-27, 2000  
ISSN: 0162-3109.  
DT Conference  
LA English  
SL English

L5 ANSWER 22 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:362631 BIOSIS  
DN PREV200000362631  
TI Brain perivascular macrophages as the target for SIV infection: The brain  
as a retroviral reservoir.  
AU Williams, Kenneth C.; Westmoreland, Susan V.; Pauley, Doug; Knight,  
Heather; Lackner, Andrew A.  
SO Journal of Neurovirology, (May, 2000) Vol. 6, No. Supplement 1, pp. S118.  
print.  
Meeting Info.: HIV and the Nervous System: Emerging Issues Bethesda,  
Maryland, USA April 14-16, 1999 National Institute of Mental Health  
. ISSN: 1355-0284.  
DT Conference  
LA English  
SL English

L5 ANSWER 23 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:335336 BIOSIS  
DN PREV199900335336  
TI \*\*\*\*Microglia\*\*\*\* in the \*\*\*\*human\*\*\*\* fetal spinal cord-patterns of  
distribution, morphology and phenotype.  
AU Rezaie, P. (1); Patel, K.; Male, D. K.  
CS (1) Department of Neuropathology, Institute of Psychiatry, De Crespigny  
Park, London, SE5 8JN UK  
SO Developmental Brain Research, (June 8, 1999) Vol. 115, No. 1, pp. 71-81.  
ISSN: 0165-3806.  
DT Article

LA English  
SL English

L5 ANSWER 24 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:259656 BIOSIS  
DN PREV199800259656  
TI Phorbol ester induces differentiation of a \*\*\*human\*\*\* prostatic  
cancer cell line TSU-Pr1 into cells with characteristics of  
\*\*\*microglia\*\*\*.  
AU Itayasu, Tomohiro; Shimizu, Takahisa; Iizumi, Tatsuo; Oshio, Shigeru;  
Umeda, Takashi; Takeda, Ken (1)  
CS (1) Dep. Hyg. Chem., Fac. Pharm. Sci., Sci. Univ. Tokyo, 12  
Funagawara-Machi Ichigaya, Shinjuku-ku, Tokyo 162 Japan  
SO Anticancer Research, (Jan.-Feb., 1998) Vol. 18, No. 1A, pp. 113-117.  
ISSN: 0250-7005.  
DT Article  
LA English

L5 ANSWER 25 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:124275 BIOSIS  
DN PREV199800124275  
TI Association of vascular amyloid beta and cells of the mononuclear  
phagocyte system in hereditary cerebral hemorrhage with amyloidosis  
(Dutch) and Alzheimer disease.  
AU Maat-Schieman, Marion L. C. (1); Van Duinen, Sjoerd G.; Rozemuller,  
Annemieke J. M.; Haan, Joost; Roos, Raymund A. C.  
CS (1) Dep. Neurol., K5Q 116, Leiden Univ. Hosp., PO Box 9600, 2300 RC Leiden  
Netherlands  
SO Journal of Neuropathology & Experimental Neurology, (March, 1997) Vol. 56,  
No. 3, pp. 273-284.  
ISSN: 0022-3069.  
DT Article  
LA English

L5 ANSWER 26 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:34614 BIOSIS  
DN PREV199800034614  
TI Direct ex-vivo flow cytometric analysis of \*\*\*human\*\*\* microglial cell  
CD4 expression: Examination of central nervous system biopsy specimens  
from HIV-seropositive patients and patients with other neurological  
disease.  
AU Dick, Andrew D.; Pell, Malcolm; Brew, Bruce J.; Foulcher, Elena; Sedgwick,  
Jonathon D. (1)  
CS (1) Centenary Inst. Cancer Med. Cell Biol., Build. 93, Royal Prince Alfred  
Hosp., Missenden Road, Camperdown, Sydney, NSW 2042 Australia  
SO AIDS (London), (Nov. 15, 1997) Vol. 11, No. 14, pp. 1699-1708.  
ISSN: 0269-9370.  
DT Article  
LA English

L5 ANSWER 27 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:67302 BIOSIS  
DN PREV199799366505  
TI Cryptococcus neoformans meningitis in the rat.  
AU Goldman, David L. (1); Casadevall, Arturo; Cho, Youngsoo; Lee, Sunhee C.  
CS (1) Div. Infectious Diseases, Dep. Pediatrics, Ullmann 1219, Albert  
Einstein Coll. Med., 1300 Morris Park Ave., Bronx, NY 10461 USA  
SO Laboratory Investigation, (1996) Vol. 75, No. 6, pp. 759-770.  
ISSN: 0023-6837.  
DT Article  
LA English

L5 ANSWER 28 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:336575 BIOSIS  
DN PREV199699058931  
TI The immunophenotype of perivascular cells in the \*\*\*human\*\*\* brain.  
AU Sasaki, Atsushi (1); Nakazato, Yoichi; Ogawa, Akira; Sugihara, Shiro  
CS (1) Dep. Pathol., Gunma Univ. Sch. Med., 3-39-22 Showamachi, Maebashi,  
Gunma 371 Japan  
SO Pathology International, (1996) Vol. 46, No. 1, pp. 15-23.  
ISSN: 1320-5463.  
DT Article  
LA English

L5 ANSWER 29 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:78660 BIOSIS

DN PREV199598092960  
TI \*\*\*\*Human\*\*\*\* microglial cells have phenotypic and functional characteristics in common with both macrophages and dendritic antigen-presenting cells.  
AU Ulvestad, Elling (1); Williams, Kenneth; Bjerkvig, Rolf; Tiekotter, Kenneth; Antel, Jack; Matre, Roald  
CS (1) Dep. Microbiol. Immunol., Armauer Hansen Building, N-5021 Bergen Norway  
SO Journal of Leukocyte Biology, (1994) Vol. 56, No. 6, pp. 732-740. ISSN: 0741-5400.  
DT Article  
LA English

L5 ANSWER 30 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1994:486945 BIOSIS  
DN PREV199497499945  
TI Phenotypic differences between \*\*\*\*human\*\*\*\* monocytes/macrophages and microglial cells studied in situ and in vitro.  
AU Ulvestad, Elling (1); Williams, Kenneth; Mork, Sverre; Antel, Jack; Nyland, Harald  
CS (1) Dep. Microbiol. Immunol., Armauer Hansen Build., Univ. Bergen, N-5021 Bergen Norway  
SO Journal of Neuropathology & Experimental Neurology, (1994) Vol. 53, No. 5, pp. 492-501. ISSN: 0022-3069.  
DT Article  
LA English

L5 ANSWER 31 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1993:523547 BIOSIS  
DN PREV199396136954  
TI Mitosis and apoptosis of \*\*\*\*microglia\*\*\*\* in vivo induced by an anti-CR3 antibody which crosses the blood-brain barrier.  
AU Reid, D. M. (1); Perry, V. H.; Andersson, P.-B.; Gordon, S.  
CS (1) Univ. Dep. Pharmacol., Mansfield Rd., Oxford UK  
SO Neuroscience, (1993) Vol. 56, No. 3, pp. 529-533. ISSN: 0306-4522.  
DT Article  
LA English

L5 ANSWER 32 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1993:412346 BIOSIS  
DN PREV199396078071  
TI Cell adhesion molecule expression in the regenerating rat facial nucleus.  
AU Moneta, Maria E.; Gehrmann, Jochen; Toepper, Rudolf; Kreutzberg, Richard B. Banati Andd Geore W. (1)  
CS (1) Dep. Neuromorphology, Max-Planck-Inst. Psychiatry, Am Klopferspitz 18A, D-8033 Martinsried Germany  
SO Journal of Neuroimmunology, (1993) Vol. 45, No. 1-2, pp. 203-206. ISSN: 0165-5728.  
DT Article  
LA English

L5 ANSWER 33 OF 196 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1990:428177 BIOSIS  
DN BA90:88978  
TI MONOCYTE SUBPOPULATIONS IN \*\*\*\*HUMAN\*\*\*\* GLIOMAS EXPRESSION OF FC AND COMPLEMENT RECEPTORS AND CORRELATION WITH TUMOR PROLIFERATION.  
AU MORIMURA T; NEUCHRIST C; KITZ K; BUDKA H; SCHEINER O; KRAFT D; LASSMANN H  
CS NEUROLOGISCHES INSTITUT, SCHWARZSPANIERSTRASSE 17, A-1090 WIEN, AUSTRIA.  
SO ACTA NEUROPATHOL, (1990) 80 (3), 287-294. CODEN: ANPTAL. ISSN: 0001-6322.  
FS BA; OLD  
LA English

L5 ANSWER 34 OF 196 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2002-09076 BIOTECHDS  
TI New immortalized \*\*\*\*human\*\*\*\* cell line with the characteristics of \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\*, useful for treating an individual having a neurodegenerative disorder, e.g. Parkinson's disease and Alzheimer's disease;  
vector-mediated v-myc oncogene gene transfer and expression in host cell for drug screening and disease therapy  
AU KIM S U  
PA UNIV BRITISH COLUMBIA  
PI WO 2002004618 17 Jan 2002

AI WO 2000-US18777 10 Jul 2000  
PRAI WO 2000-18777 10 Jul 2000  
DT Patent  
LA English  
OS WPI: 2002-154931 [20]

L5 ANSWER 35 OF 196 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
AN 2002-08627 BIOTECHDS  
TI Genetically modified \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*\*human\*\*\*\* genomic DNA;  
glial cell encoding v-myc oncogene useful for gene therapy

AU KIM S U  
PA UNIV BRITISH COLUMBIA  
PI WO 2002004604 17 Jan 2002  
AI WO 2000-IB1770 10 Jul 2000  
PRAI US 2001-887145 22 Jun 2001  
DT Patent  
LA English  
OS WPI: 2002-148175 [19]

L5 ANSWER 36 OF 196 BIOTECHNO COPYRIGHT 2003 Elsevier Science B.V. on STN  
AN 1995:25233520 BIOTECHNO  
TI Establishment of \*\*\*\*human\*\*\*\* microglial cell lines after transfection  
of primary cultures of embryonic microglial cells with the SV40 large T  
antigen  
AU Janabi N.; Peudenier S.; Heron B.; Ng K.H.; Tardieu M.  
CS Laboratoire Neurovirologie, Universite Paris-Sud, UFR Kremlin-Bicetre, 67  
Rue Gabriel PERI, 94276 Le Kremlin Bicetre Cedex, France.  
SO Neuroscience Letters, (1995), 195/2 (105-108)  
CODEN: NELED5 ISSN: 0304-3940  
DT Journal; Article  
CY Ireland  
LA English  
SL English

L5 ANSWER 37 OF 196 CANCERLIT on STN  
AN 2002141186 CANCERLIT  
DN 21417959 PubMed ID: 11526955  
TI Establishment of microglial cell cultures derived from postmortem  
\*\*\*\*human\*\*\*\* adult brain tissue: immunophenotypical and functional  
characterization.  
AU de Groot C J; Hulshof S; Hoozemans J J; Veerhuis R  
CS Research Institute Neurosciences Vrije Universiteit Amsterdam, Department  
of Pathology, University Hospital, Vrije Universiteit, The Netherlands..  
cja.degroot@azvu.nl  
SO MICROSCOPY RESEARCH AND TECHNIQUE, (2001 Jul 1) 54 (1) 34-9.  
Journal code: 9203012. ISSN: 1059-910X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 2001484462  
EM 200205  
ED Entered STN: 20020726  
Last Updated on STN: 20020726

L5 ANSWER 38 OF 196 CANCERLIT on STN  
AN 93285781 CANCERLIT  
DN 93285781 PubMed ID: 8509164  
TI Lymphokine induction of rat \*\*\*\*microglia\*\*\*\* multinucleated giant cell  
formation.  
AU Lee T T; Martin F C; Merrill J E  
CS Department of Neurology, Reed Neurological Research Center, UCLA School of  
Medicine 90024-1769.  
NC RO-1 NS26983 (NINDS)  
RO-1 NS30768 (NINDS)  
SO GLIA, (1993 May) 8 (1) 51-61.  
Journal code: 8806785. ISSN: 0894-1491.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals; AIDS  
OS MEDLINE 93285781  
EM 199307

ED Entered STN: 19941107  
Last Updated on STN: 19941107

L5 ANSWER 39 OF 196 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:334388 CAPLUS

DN 138:352740

TI Immortalized \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell and continuous cell  
line for screening therapeutics for treatment of autoimmune and  
neurodegenerative diseases

IN Kim, Seung U.

PA Can.

SO U.S. Pat. Appl. Publ., 28 pp., Cont.-in-part of U.S. Ser. No. 855,468.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003082139	A1	20030501	US 2001-887145	20010622
	WO 2002004618	A1	20020117	WO 2000-US18777	20000710
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2002064877	A1	20020530	US 2001-855468	20010515
	WO 2002004604	A2	20020117	WO 2001-IB1770	20010709
	W:	AU, CA, JP			
	RW:	AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR			
PRAI	WO 2000-US18777	A2	20000710		
	US 2001-855468	A2	20010515		
	US 2001-887145	A	20010622		

L5 ANSWER 40 OF 196 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:327238 CAPLUS

DN 139:83289

TI Specific uptake of A.beta.1-40 in rat brain occurs in astrocyte, but not  
in \*\*\*microglia\*\*\*

AU Matsunaga, Wataru; Shirokawa, Tetsuya; Isobe, Kenichi

CS Department of Basic Gerontology, National Institute for Longevity  
Sciences, Morioka-cho, Obu, 474-8522, Japan

SO Neuroscience Letters (2003), 342(1,2), 129-131

CODEN: NELED5; ISSN: 0304-3940

PB Elsevier Science Ltd.

DT Journal

LA English

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 41 OF 196 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2003:319354 CAPLUS

DN 138:297688

TI Methods and compounds for disruption of CD40R/CD40L signaling in the  
treatment of Alzheimer's disease and others

IN Tan, Jun; Town, Terrence C.; Mullan, Michael

PA USA

SO U.S. Pat. Appl. Publ., 26 pp., Cont.-in-part of U.S. Ser. No. 585,058.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003077667	A1	20030424	US 2002-218004	20020812
PRAI	US 1999-137016P	P	19990601		
	US 2000-585058	A2	20000601		
	US 2001-311115P	P	20010810		

L5 ANSWER 42 OF 196 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:619942 CAPLUS

DN 133:348621



TI Caspase-3 activation and inflammatory responses in rat hippocampus  
 inoculated with a recombinant adenovirus expressing the Alzheimer amyloid  
 precursor protein  
 AU Masumura, M.; Hata, R.; Nishimura, I.; Uetsuki, T.; Sawada, T.; Yoshikawa,  
 K.  
 CS BF Research Institute, C/O National Cardiovascular Center, Suita, Osaka,  
 565-0873, Japan  
 SO Molecular Brain Research (2000), 80(2), 219-227  
 CODEN: MBREE4; ISSN: 0169-328X  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English  
 RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 43 OF 196 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1997:362543 CAPLUS  
 DN 127:93188  
 TI Expression of adhesion molecules on \*\*\*human\*\*\* fetal cerebral  
 vessels: relationship to colonization by microglial precursors  
 AU Rezaie, Payam; Male, David  
 CS Dept. Neuropathology, Inst. Psychiatry, London, SE5 8AF, UK  
 SO Biochemical Society Transactions (1997), 25(2), 170s  
 CODEN: BCSTB5; ISSN: 0300-5127  
 PB Portland Press  
 DT Journal  
 LA English

L5 ANSWER 44 OF 196 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1991:204921 CAPLUS  
 DN 114:204921  
 TI Brain \*\*\*microglia\*\*\* constitutively express .beta.-2 integrins  
 AU Akiyama, H.; McGeer, P. L.  
 CS Fac. Med., Univ. British Columbia, Vancouver, BC, V6T 1W5, Can.  
 SO Journal of Neuroimmunology (1990), 30(1), 81-93  
 CODEN: JNRIDW; ISSN: 0165-5728  
 DT Journal  
 LA English

L5 ANSWER 45 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN AAU11900 Peptide DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* amyloid beta 25-35 peptide.

L5 ANSWER 46 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14370 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* G3PDH antisense PCR primer.

L5 ANSWER 47 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN

AN ABK14369 DNA DGENE  
 TI Genetically modified \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*\*human\*\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*\*Human\*\*\*\* G3PDH sense PCR primer.

L5 ANSWER 48 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14368 DNA DGENE  
 TI Genetically modified \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*\*human\*\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*\*Human\*\*\*\* B7-2 antisense PCR primer.

L5 ANSWER 49 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14367 DNA DGENE  
 TI Genetically modified \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*\*human\*\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*\*Human\*\*\*\* B7-2 sense PCR primer.

L5 ANSWER 50 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14366 DNA DGENE  
 TI Genetically modified \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*\*human\*\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*\*Human\*\*\*\* GFAP antisense PCR primer.

L5 ANSWER 51 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14365 DNA DGENE  
 TI Genetically modified \*\*\*\*human\*\*\*\* \*\*\*\*microglia\*\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and

contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* GFAP sense PCR primer.

L5 ANSWER 52 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14364 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* MBP antisense PCR primer.

L5 ANSWER 53 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14363 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* MBP sense PCR primer.

L5 ANSWER 54 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14362 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* NF-M antisense PCR primer.

L5 ANSWER 55 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14361 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p

AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* NF-M sense PCR primer.

L5 ANSWER 56 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14360 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* TNF-alpha antisense PCR primer.

L5 ANSWER 57 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14359 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* TNF-alpha sense PCR primer.

L5 ANSWER 58 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14358 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-15 antisense PCR primer.

L5 ANSWER 59 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14357 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-15 sense PCR primer.

L5 ANSWER 60 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14356 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-13 antisense PCR primer.

L5 ANSWER 61 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14355 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-13 sense PCR primer.

L5 ANSWER 62 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14354 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-12 antisense PCR primer.

L5 ANSWER 63 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14353 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-12 sense PCR primer.

L5 ANSWER 64 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14352 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-11 antisense PCR primer.

L5 ANSWER 65 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14351 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-11 sense PCR primer.

L5 ANSWER 66 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14350 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-10 antisense PCR primer.

L5 ANSWER 67 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14349 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-10 sense PCR primer.

L5 ANSWER 68 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14348 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for

treating neurodegenerative disease, comprises demonstrable phagocytic properties, produces progeny in culture, presents surface antigens, and contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622

DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-9 antisense PCR primer.

L5 ANSWER 69 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14347 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for treating neurodegenerative disease, comprises demonstrable phagocytic properties, produces progeny in culture, presents surface antigens, and contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622

DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-9 sense PCR primer.

L5 ANSWER 70 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14346 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for treating neurodegenerative disease, comprises demonstrable phagocytic properties, produces progeny in culture, presents surface antigens, and contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622

DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-8 antisense PCR primer.

L5 ANSWER 71 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14345 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for treating neurodegenerative disease, comprises demonstrable phagocytic properties, produces progeny in culture, presents surface antigens, and contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622

DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-8 sense PCR primer.

L5 ANSWER 72 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14344 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for treating neurodegenerative disease, comprises demonstrable phagocytic properties, produces progeny in culture, presents surface antigens, and contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U

PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-7 antisense PCR primer.

L5 ANSWER 73 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14343 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-7 sense PCR primer.

L5 ANSWER 74 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14342 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-6 antisense PCR primer.

L5 ANSWER 75 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14341 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-6 sense PCR primer.

L5 ANSWER 76 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14340 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710



US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-5 antisense PCR primer.

L5 ANSWER 77 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14339 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-5 sense PCR primer.

L5 ANSWER 78 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14338 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-4 antisense PCR primer.

L5 ANSWER 79 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14337 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-4 sense PCR primer.

L5 ANSWER 80 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14336 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English

OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-3 antisense PCR primer.

L5 ANSWER 81 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14335 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-3 sense PCR primer.

L5 ANSWER 82 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14334 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-2 antisense PCR primer.

L5 ANSWER 83 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14333 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-2 sense PCR primer.

L5 ANSWER 84 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14332 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* interleukin-1beta antisense PCR primer.

L5 ANSWER 85 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN

AN ABK14331 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* interleukin-1beta sense PCR primer.

L5 ANSWER 86 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14330 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* MCP-1 antisense PCR primer.

L5 ANSWER 87 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14329 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* MCP-1 sense PCR primer.

L5 ANSWER 88 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14328 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and  
 contains modified \*\*\*human\*\*\* genomic DNA -  
 IN Kim S U  
 PA (UYBR-N) UNIV BRITISH COLUMBIA.  
 PI WO 2002004604 A2 20020117 46p  
 AI WO 2001-IB1770 20010709  
 PRAI WO 2000-US18777 20000710  
 US 2001-855468 20010515  
 US 2001-887145 20010622  
 DT Patent  
 LA English  
 OS 2002-148175 [19]  
 DESC \*\*\*Human\*\*\* MIP-1beta antisense PCR primer.

L5 ANSWER 89 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
 AN ABK14327 DNA DGENE  
 TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
 treating neurodegenerative disease, comprises demonstrable phagocytic  
 properties, produces progeny in culture, presents surface antigens, and

contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* MIP-1beta sense PCR primer.

L5 ANSWER 90 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14326 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* MIP-1alpha antisense PCR primer.

L5 ANSWER 91 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14325 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* MIP-1alpha sense PCR primer.

L5 ANSWER 92 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14324 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* CXCR4 antisense PCR primer.

L5 ANSWER 93 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14323 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p

AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* CXCR4 sense PCR primer.

L5 ANSWER 94 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14322 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -  
IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* P2Y2R antisense PCR primer.

L5 ANSWER 95 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14321 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -  
IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* P2Y2R sense PCR primer.

L5 ANSWER 96 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14320 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -  
IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622  
DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* P2Y1R antisense PCR primer.

L5 ANSWER 97 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14319 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -  
IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* P2Y1R sense PCR primer.

L5 ANSWER 98 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14318 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* CD68 antisense PCR primer.

L5 ANSWER 99 OF 196 DGENE COPYRIGHT 2003 THOMSON DERWENT on STN  
AN ABK14317 DNA DGENE  
TI Genetically modified \*\*\*human\*\*\* \*\*\*microglia\*\*\* cell for  
treating neurodegenerative disease, comprises demonstrable phagocytic  
properties, produces progeny in culture, presents surface antigens, and  
contains modified \*\*\*human\*\*\* genomic DNA -

IN Kim S U  
PA (UYBR-N) UNIV BRITISH COLUMBIA.  
PI WO 2002004604 A2 20020117 46p  
AI WO 2001-IB1770 20010709  
PRAI WO 2000-US18777 20000710  
US 2001-855468 20010515  
US 2001-887145 20010622

DT Patent  
LA English  
OS 2002-148175 [19]  
DESC \*\*\*Human\*\*\* CD68 sense PCR primer.

L5 ANSWER 100 OF 196 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 2003240110 EMBASE  
TI Cellular targets of brain inflammation in stroke.  
AU Han H.S.; Yenari M.A.  
CS M.A. Yenari, Dept. of Neurosurg. Neurol./Neurol., Stanford University,  
School of Medicine, 1201 Welch Road P304, Stanford, CA 94305-5487, United  
States. yenari@alum.mit.edu  
SO Current Opinion in Investigational Drugs, (1 May 2003) 4/5 (522-529).

Refs: 129  
ISSN: 1472-4472 CODEN: CIDREE  
CY United Kingdom  
DT Journal; General Review  
FS 008 Neurology and Neurosurgery  
026 Immunology, Serology and Transplantation  
037 Drug Literature Index  
030 Pharmacology  
029 Clinical Biochemistry  
038 Adverse Reactions Titles  
005 General Pathology and Pathological Anatomy  
LA English  
SL English

L5 ANSWER 101 OF 196 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 2002003335 EMBASE  
TI COX-2 and ALS.  
AU McGeer P.L.  
CS P.L. McGeer, Kinsmen Lab. of Neurol. Research, University of British  
Columbia, Vancouver, BC, Canada. mcgeerpl@interchange.ubc.ca  
SO Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, (2001) 2/3  
(121-122).  
Refs: 11  
ISSN: 1466-0822 CODEN: ALSCFA  
CY United Kingdom

DT Journal; Editorial  
FS 008 Neurology and Neurosurgery  
022 Human Genetics  
029 Clinical Biochemistry  
030 Pharmacology  
037 Drug Literature Index  
LA English

L5 ANSWER 102 OF 196 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 1999105367 EMBASE  
TI Extracellular matrix-induced cell migration from glioblastoma biopsy  
specimens in vitro.  
AU Mahesparan R.; Tysnes B.B.; Read T.-A.; Enger P.-O.; Bjerkvig R.;  
Lund-Johansen M.  
CS R. Mahesparan, Department Anatomy and Cell Biology, University of Bergen,  
Aarstadvollen 19, N-5009 Bergen, Norway. manrm@pki.uib.no  
SO Acta Neuropathologica, (1999) 97/3 (231-239).  
Refs: 25  
ISSN: 0001-6322 CODEN: ANPTAL

CY Germany  
DT Journal; Article  
FS 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
016 Cancer  
LA English  
SL English

L5 ANSWER 103 OF 196 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 92237486 EMBASE  
DN 1992237486  
TI Cytokines and immunoregulatory molecules in malignant glial neoplasms.  
AU Schneider J.; Hofman F.M.; Apuzzo M.L.J.; Hinton D.R.  
CS Department of Pathology, University of Southern California, School of  
Medicine, 2011 Zonal Avenue, Los Angeles, CA 90033, United States  
SO Journal of Neurosurgery, (1992) 77/2 (265-273).  
ISSN: 0022-3085 CODEN: JONSAC

CY United States  
DT Journal; Article  
FS 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
016 Cancer  
026 Immunology, Serology and Transplantation  
LA English  
SL English

L5 ANSWER 104 OF 196 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 91096214 EMBASE  
DN 1991096214  
TI \*\*\*Human\*\*\* microglial cells: Characterization in cerebral tissue and  
in primary culture, and study of their susceptibility to HIV-1 infection.  
AU Peudenier S.; Hery C.; Montagnier L.; Tardieu M.  
CS Laboratoire de Neurovirologie, Unite INSERM, U56 Hopital de Bicetre, 94275  
Le Kremlin-Bicetre, Cedex, France  
SO Annals of Neurology, (1991) 29/2 (152-161).  
ISSN: 0364-5134 CODEN: ANNED3

CY United States  
DT Journal; Article  
FS 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
026 Immunology, Serology and Transplantation  
047 Virology  
LA English  
SL English

L5 ANSWER 105 OF 196 Elsevier BIOBASE COPYRIGHT 2003 Elsevier Science B.V.  
on STN  
AN 1999202350 ESBIODASE  
TI Expression of a homologue of rat NG2 on \*\*\*human\*\*\* \*\*\*microglia\*\*\*  
AU Pouly S.; Becher B.; Blain M.; Antel J.P.  
CS J.P. Antel, Montreal Neurological Institute, Neuroimmunology Unit, 3801  
University Street, Montreal, Que. H3A 2B4, Canada.  
E-mail: mdan@musica.mcgill.ca  
SO GLIA, (1999), 27/3 (259-268), 36 reference(s)

DT CODEN: GLIAEJ ISSN: 0894-1491  
 CY Journal; Article  
 LA United States  
 SL English

L5 ANSWER 106 OF 196 Elsevier BIOBASE COPYRIGHT 2003 Elsevier Science B.V.  
 on STN  
 AN 1999152183 ESBIODASE  
 TI Blocking OX-40/OX-40 ligand interaction in vitro and in vivo leads to  
 decreased T cell function and amelioration of experimental allergic  
 encephalomyelitis  
 AU Weinberg A.D.; Wegmann K.W.; Funatake C.; Whitham R.H.  
 CS Dr. A.D. Weinberg, Earle A. Chiles Research Institute, Providence  
 Portland Medical Center, 4805 NE Glisan, Portland, OR 97213, United  
 States.  
 E-mail: weinbera@ohsu.edu  
 SO Journal of Immunology, (01 FEB 1999), 162/3 (1818-1826), 37 reference(s)  
 CODEN: JOIMA3 ISSN: 0022-1767  
 DT Journal; Article  
 CY United States  
 LA English  
 SL English

L5 ANSWER 107 OF 196 Elsevier BIOBASE COPYRIGHT 2003 Elsevier Science B.V.  
 on STN  
 AN 1997245335 ESBIODASE  
 TI PK11195 binding to the peripheral benzodiazepine receptor as a marker of  
 microglia activation in multiple sclerosis and experimental autoimmune  
 encephalomyelitis  
 AU Vowinckel E.; Reutens D.; Becher B.; Verge G.; Evans A.; Owens T.; Antel  
 J.P.  
 CS J.P. Antel, Dept. of Neurology and Neurosurgery, Montreal Neurological  
 Inst., McGill University, 3801 University Street, Montreal, Que. H3A 2B4,  
 Canada.  
 E-mail: mdan@musica.mcgill.ca  
 SO Journal of Neuroscience Research, (1997), 50/2 (345-353), 37 reference(s)  
 CODEN: JNREDK ISSN: 0360-4012  
 DT Journal; Article  
 CY United States  
 LA English  
 SL English

L5 ANSWER 108 OF 196 Elsevier BIOBASE COPYRIGHT 2003 Elsevier Science B.V.  
 on STN  
 AN 1996165033 ESBIODASE  
 TI Comparison of phenotypic and functional properties of immediately ex vivo  
 and cultured \*\*\*\*human\*\*\* adult \*\*\*\*microglia\*\*\*  
 AU Becher B.; Antel J.P.  
 CS Dr. J.P. Antel, Montreal Neurological Institute, 3801 University,  
 Montreal, Que. H3A 2B4, Canada.  
 SO GLIA, (1996), 18/1 (1-10)  
 CODEN: GLIAEJ ISSN: 0894-1491  
 DT Journal; Article  
 CY United States  
 LA English  
 SL English

L5 ANSWER 109 OF 196 FEDRIP COPYRIGHT 2003 NTIS on STN  
 AN 2003:64868 FEDRIP  
 NR VA 118606  
 NC 0006, 665  
 TI NSAID Inhibition of Microglial Activation and Alzheimer Pathology  
 SF Principal Investigator: Cole, Gregory M., Ph.D.  
 CSP Department of Veterans Affairs, Medical Center, Sepulveda, CA  
 CSS Supported By: Department of Veterans Affairs. Research and Development  
 (15), 810 Vermont Ave. N.W., Washington, D.C., 20420, United States of  
 America  
 DB Jan 1, 1998  
 FS Department of Veterans Affairs

L5 ANSWER 110 OF 196 IFIPAT COPYRIGHT 2003 IFI on STN  
 AN 10121270 IFIPAT;IFIUDB;IFICDB  
 TI METHODS OF PRODUCING AND USING A \*\*\*\*HUMAN\*\*\* MICROGLIAL CELL LINE;  
 GENETICALLY ENGINEERED IMMORTALIZED \*\*\*\*HUMAN\*\*\* AGGREGATION FOR USE  
 IN TREATMENT PARKINSON'S AND ALZHEIMER'S DISEASES, SPINE DAMAGE, ATAXIA



IN AND ALCOHOLISM  
PA Kim Seung U (CA)  
PI Unassigned Or Assigned To Individual (68000)  
AI US 2002064877 A1 20020530  
FI US 2001-855468 20010515  
DT US 2002064877 20020530  
FS Utility; Patent Application - First Publication  
CHEMICAL  
APPLICATION

CLMN 8

GI 1 Figure(s).

FIGS. 1A and 1B are phase-contrast photomicrographs of live \*\*\*human\*\*\*  
\*\*\*microglia\*\*\* isolated from a \*\*\*human\*\*\* embryonic brain (FIG.  
1A) and of HM06.AI \*\*\*human\*\*\* microglial cells (FIG. 1B).

L5 ANSWER 111 OF 196 IFIPAT COPYRIGHT 2003 IFI on STN

AN 10105160 IFIPAT;IFIUDB;IFICDB

TI MODEL FOR ALZHEIMER'S DISEASE AND OTHER NEURODEGENERATIVE DISEASES;  
EVALUATING MODULATORS OF BRAIN DISORDERS; OBTAIN BRAIN CELLS, EXPOSE  
BRAIN CELLS TO MODULATORS, MONITOR CELLS FOR ADJUSTMENT IN BRAIN  
INFLAMMATORY REACTION

IN Bi Xiaoning; Lynch Gary

PA Unassigned Or Assigned To Individual (68000)

PI US 2002048746 A1 20020425

AI US 2001-917789 20010731

PRAI US 2000-222060P 20000731 (Provisional)

US 2001-283352P 20010413 (Provisional)

FI US 2002048746 20020425

DT Utility; Patent Application - First Publication

FS CHEMICAL

APPLICATION

CLMN 94

GI 30 Figure(s).

FIGS. 1A-D illustrate morphology of subicular neurons immunopositive for phosphorylated tau in cultured slices prepared from apoE-knockout mice. The slices were treated with ZPAD for six days followed by six-day washout. Panels A and B. Micrographs showing the variety of routinely encountered structures 1. A shrunken neuron with a dense, intracellular accumulation of phosphorylated tau 2. Neurons with immunopositive processes that appear distended (2a) or fragmented (2b, 2c) at varying distances from the cell body. 3. Cells with fibril-filled processes that have separated, or are about to separate, from the soma. 4 & 5, Neuronal remnants in which the membrane and cytoplasm are lost but labeled fibrils remain. Panels C and D. Higher magnification images of cells in panel B. The extended and distorted appearance of the terminal portion of the labeled process is evident for cell 2b. A similar effect accompanied by kinking of the neuronal process can be seen for cell 2a. A remnant neuron marked by heavy stained fibrils is present in the lower right of the micrograph in panel D.

FIGS. 2A and 2B illustrate induction of tangle-like structures in subfield CA1/subiculum in mouse hippocampal cultures by ZPADtreatment. Hippocampal slice cultures incubated with ZPAD (B) or vehicle (A) for 6 days were stained with monoclonal antibody. "AT8," that recognizes hyperphosphorylated tau proteins and neurofibrillary tangles in \*\*\*human\*\*\* tissue. Numerous immunopositive neurons are present in ZPAD treated slices, while few if any are found in control tissue (A).

FIGS. 3A and 3B illustrate ultrastructure of tangle-like formations using electron microscopic immunogold techniques. FIG. 3A shows a dendritic branch with accumulated organelles resembled smooth ER (arrows), rough ER (asterisks), or mitochondria (M). distorted microtubules were found passing through the abnormal inclusions. Despite these obvious pathologies, plasma membranes and synaptic apparatus were still distinguishable. Secondary lysosomes with variable sizes were also frequently encountered in ZPAD treated tissues (FIG. 3B).

FIGS. 4A-C-illustrate immunogold analysis and shows that AT8-ir was found mainly over structures composed of distorted filaments located throughout dendrites and cell bodies. Enlarged images showed that filaments were often paired and twisted with axial periodicity (FIG. 4A, B). Distorted filaments were found running across each other or waving around, characteristics similar to early-stage neurofibrillary tangles in Alzheimer's disease (FIG. 4C).

FIG. 5(A and B). Levels of cathepsin D immunoreactivity in apoEdeficient and wild-type (WT) mice. Hippocampal slices prepared from C57BL/6J and C57BL/6J-apoEtm1Unc (apoE-deficient) mice at postnatal day 10 and cultured for 12-14 days were incubated with ZPAD or vehicle (Con) for 6 days. Immunoblots probed with anti-cathepsin D antisera revealed three

major bands with apparent molecular weights of 55 kDa, 50 kDa, and 38 kDa in cultured hippocampal slices, corresponding to the inactive proenzyme, the active single chain, and the active heavy chain, respectively (A). ZPAD-treatment increased the first two isoforms in wild-type tissue, and all three isoforms in the apoE-deficient slices. Note also that the increase in cathepsin D proteins is exaggerated in the knockout compared to the wildtype mice: 145+43%, 150+29% and 84 +26% vs. 65+29%, 42+22% and 3.0+5.7% (B). Standard paired t-tests (2-tails) were used for the indicated statistical comparison.

FIG. 6. Induction of tangle-like structures in cultured hippocampal slices prepared from apoE-knockout mice. Slices were incubated with vehicle (left side) or 'ZPAD', an inhibitor of cathepsins B and L (right side), for 6 days and then processed for immunocytochemistry using a monoclonal antibody "AT8" that recognizes hyperphosphorylated tau proteins, tau fragments, and neurofibrillary tangles in \*\*\*\*human\*\*\*\* tissue. Immunopositive elements are found in the outgrowth regions of the control slice from an apoE-/-mouse but not within the hippocampus itself. In contrast, the ZPAD-treated slice has numerous, densely labeled cells in the stratum oriens of hippocampal field CA1 and in the subiculum. Note that the densely packed neurons in the s. pyramidale of field CA3 and in the s. granulosum of the dentate gyrus are not stained (4 x objective; scale bar=200  $\mu$ m).

FIG. 7. Types and distribution of phosphorylated tauimmunoreactive neurons in the CA1 region following six days of ZPAD. Shown is a vertical section that extends across most of the basal (s. oriens), and the inner third of the apical (s. radiatum), dendritic fields in field CA1 of a cultured slice that had been exposed to ZPAD for six days. The majority of the AT8 immunopositive cells were found in the basal dendritic field. The cell bodies (s. pyramidale) and apical dendrites of the pyramidal cells, by far the most numerous population of neurons in the section, were with few exceptions, unlabeled. One of these immuno-negative neurons is outlined with small circle. The stained elements were not homogeneous. The cells marked with a "1" appear to be intact neurons with immunopositive processes and dense deposits accumulating within the cell body. The labeled neuron marked as "2" had swollen and distorted dendrites. The elements marked by a "3" appeared to be remnants of neurons. (25 x objective, scale bar=50  $\mu$ m).

FIG. 8. Morphology of neurons that are stained by an antibody that recognizes neurofibrillary tangles. Upper panel. Immunopositive neurons in cultured slices prepared from apoE-/- mice. The micrographs are ordered according to a proposed sequence of pathological steps. (A) Two neurons in the subiculum with immunopositive cell bodies and primary dendritic branches (white arrows). Note that other neurons in the field are unlabeled (black arrows). (B) Neuron with a dense deposit (cap) in one pole of its cell body. (C) Neuron with pathological swelling (arrow) of a distal dendrite. (D, E) Cells with pathological dendritic expansions proximal to the cell body. (F) Exploded process attached to a dendrite containing fibrous material. Note that the dense 'cap' of immunopositive material covers most of the cell body. (G, H) Dense caps that do not appear to be associated with somata; i.e., are likely the remnants of neurons. (100 x objective, scale bar=12.5  $\mu$ m in A, 10  $\mu$ m in B, 8  $\mu$ m in C, 15  $\mu$ m in D,H; 11  $\mu$ m in E,G; and 17  $\mu$ m in F). Lower panel. Immunopositive neurons in the hippocampus from a \*\*\*\*human\*\*\*\* brain classified as being in the early stages of Alzheimer's disease. The micrographs are again arranged according to a proposed sequence of pathologies. (A) Apparently intact pyramidal neuron with a dense cap and a labeled apical dendrite. (B, C) Neurons with dendritic swellings. (D, E). Dendritic expansions proximal to the cell body. (F, G) Immunopositive caps that do not appear to be attached to intact neurons. (20 and 40 x objectives; scale bar=50  $\mu$ m in A; scale bar=45  $\mu$ m in B, D; 30  $\mu$ m in C, 18  $\mu$ m in E, 20  $\mu$ m in F, and 12.5  $\mu$ m in G).

FIG. 9. Electron micrographs of CA1 neurons from apoE-/-slices that were incubated with ZPAD for six days. (A). Survey micrograph showing the primary dendrite emerging from the cell body. Filamentous material (arrows) occupies more than half of the cross-section of the dendrite. (B). Higher power image showing the filaments that occupy the pathological region marked in panel A. (C). Micrograph from another dendrite showing that the filaments form bundles that criss-cross each other (arrows). (scale bar=2  $\mu$ m in A, 0.75  $\mu$ m in B, 0.4  $\mu$ m in C).

FIG. 10. Tangle-like structures are increased in cultured hippocampal slices by combined lysosomal dysfunction and disturbance in lipid metabolism. Hippocampal slices were prepared from 12 day old rat pups, cultured in vitro for 10 days, and incubated with vehicle only (cont), and/or a cholesterol metabolism inhibitor mevastatin (Mev), and/or a cathepsin B and L inhibitor (ZPAD) plus mevastatin (Mev/ZPAD). Cultured slices were stained with anti-phosphorylated tau antibody AT8.

FIG. 11. High magnification micrographs of cultured hippocampal slices that were treated with vehicle (Cont), ZPAD, mevastatin (Mev), or mevastatin plus ZPAD (Mev/ZPAD).

FIG. 12. Generation of phosphorylated tau fragments by mevastatin and ZPAD treatment. Hippocampal slices were prepared from 12 day old rat pups, cultured in vitro for 10 days, and incubated with vehicle only (Cont), and/or a cathepsin B and L inhibitor (ZPAD), and/or a cholesterol metabolism inhibitor mevastatin (Mev), and/or mevastatin plus ZPAD (Mev/ZPAD).

FIG. 13. Level of cdk5 regulatory unit p35 is reduced by mevastatin treatment. Hippocampal slices cultured in vitro for 12 days were treated with ZPAD, mevastatin (Mev), mevastatin plus ZPAD (Mev/ZPAD), or vehicle only for 6 days, and western blots were stained with anti-p35 antisera. Shown are analytical data from two separate experiments.

FIGS. 14A and 14B illustrate the dose response and time course of p35 following mevastatin(diamond-suit) or mevastatin plus ZPAD (\*) treatment. For the dose curve experiments, slices were subjected to mevastatin for 6 days at 0  $\mu$  M, 1  $\mu$  M, 5  $\mu$  M, 10  $\mu$  M. and 100  $\mu$  M concentrations. For the time course experiment, hippocampal cultures were incubated with 10  $\mu$  M mevastatin for 0, 2, 4, and 6 days. In the mevastatin plus ZPAD treatment, ZPAD was used at 20  $\mu$  M.

FIG. 15. Down regulation of p35 by mevastatin is blocked by the application of mevalonate. Hippocampal slices were incubated with vehicle alone/control (lane 1), mevastatin (lane 2), mevastatin plus ZPAD (lane 3), mevastatin plus EA1 (lane 4), mevastatin plus cholesterol (lane 5), or mevastatin plus mevalonate (lane 6).

FIG. 16. Messenger RNA levels of TGF-beta and IL-10 are increased by lysosomal dysfunction and interruption of cholesterol synthesis. Messenger RNAs were extracted from cultured hippocampal slices that had been incubated with vehicle (Cont), ZPAD (20  $\mu$  M), mevastatin (Mev, 20  $\mu$  M), or mevastatin plus ZPAD respectively (each contained 12 slices) and measured by RT-PCR/northern blot techniques using a kit from Ambion Inc. Shown are representatives from three experiments. PD98 and PD98/ZPAD are groups treated with PD98059 (a mitogenactivated protein kinase inhibitor) or PD98059 plus ZPAD respectively.

FIG. 17. Messenger RNA levels of TNF-alpha are increased by interruption of cholesterol synthesis. Messenger RNAs were extracted from cultured hippocampal slices that had been incubated with vehicle (Cont), ZPAD (20  $\mu$  M), PD98059 (50  $\mu$  M), PD98059 plus ZPAD, mevastatin (Mev, 20  $\mu$  M), or mevastatin plus ZPAD respectively (each contained 12 slices) and measured by RT-PCR/northern blot techniques using a kit from Ambion Inc.

FIG. 18. Activation of MAPK is involved in lysosomal dysfunction induced microglial reaction. Brain tissue was cultured for 12 days and treated with ZPAD (20  $\mu$  M) in the presence or absence of PD98059 (50  $\mu$  M) for 6 days. Cultured explants were then sliced and stained by using monoclonal antibody ED-1 which recognizes reactive **\*\*\*microglia\*\*\***, a classical marker of inflammation. Note that incubation with ZPAD triggered significant reaction of **\*\*\*microglia\*\*\***, and this reaction was completely blocked by co-application of PD98059. Inhibition of MAPK by itself did not induce evident change in **\*\*\*microglia\*\*\***.

FIG. 19. Inhibition of cholesterol synthesis causes activation and transformation of **\*\*\*microglia\*\*\***. Rat brain tissues were cultured for 10 days and incubated with vehicle (Cont), ZPAD (20  $\mu$  M), mevastatin (Mev, 20  $\mu$  M), or mevastatin plus ZPAD (Mev/ZPAD) for 6 days. Cultured brain explants were then sliced and stained by using monoclonal antibody ED-1.

FIG. 20. MAPK (ERK1/2) activation by ZPAD and mevastatin treatment. Hippocampal slices were cultured for 10 days and incubated with vehicle (lane 1), ZPAD (lane 2), mevastatin (lane 3), PD98059 (lane 4), mevastatin plus ZPAD (lane 5), mevastatin plus PD98059 (lane 6) and mevastatin plus ZPAD and PD98059 (lane 7) for 6 days and processed for immunoblot with anti-active MAPK (Sigma, 1:10,000).

FIGS. 21A and 2B. Dose response and time course of MAPK following mevastatin treatment. Cultured hippocampal slices were treated with mevastatin (diamond-suit) or mevastatin plus ZPAD (\*). For the dose curve experiments, slices were subjected to mevastatin for 6 days at 0  $\mu$  M, 1  $\mu$  M, 5  $\mu$  M, 10  $\mu$  M, and 100  $\mu$  M concentrations. For the time course experiment, hippocampal cultures were incubated with 10  $\mu$  M mevastatin for 0, 2, 4, and 6 days.

FIG. 22 illustrates that experimentally-induced lysosomal dysfunction induced the conversion of p35 to p25, and that such conversion was blocked by calpain inhibitors. Hippocampal slices prepared from rats at postnatal 10 day and cultured for 12-14 days were incubated with ZPAD and/or vehicle (control) and/or a cysteine protease inhibitor for 6 days. Immunoblotting carried out using antisera that recognizes the C-terminal domain of p35 showed that the CDK5 binding protein p35 was present in

cultured hippocampal slices. Trace amount of p25, the truncated form of p35 that lacks the N-terminal domain, was also detected. A six day treatment of the brain cells, or brain tissue containing the same, with ZPAD resulted in a significant decrease in the amount of p35 polypeptide and a paralleled increase in the truncated form p25. Such conversions of p35 to p25 were significantly inhibited in the presence of calpain inhibitor I.

FIG. 23 illustrates that tau fragmentation events triggered by experimentally induced lysosomal dysfunction were blocked by calpain inhibitors. Immunoblots stained with the anti-nonphosphorylated antibody (tau 1), revealed that 6-day ZPAD treatment induced a cleavage of native tau proteins and the generation of tau fragments that migrated at approximately 40 kDa and 29 kDa (tau 29). Previous studies have shown that cathepsin D is a protease whose activation leads to the cleavage of tau and the generation of tau 29. Incubation of cathepsin D inhibitors remarkably reduced the production of tau 29 induced by ZPAD treatment, but the cathepsin D inhibitors failed to block the increase in the 40 kDa fragments. Such results suggested that another protease may be activated by the ZPAD treatment. Previous study had suggested that calpain was able to cleave tau and generate tau fragments of different length. To test whether calpain is involved in ZPAD-induced tau cleavage, levels of tau fragmentation were compared between slices incubated with and without calpain inhibitors. Results obtained from 16 slices of 2 separated experiments showed that ZPAD-induced tau 29 and tau 40 were almost completely blocked by calpain inhibitor I.

FIG. 24 illustrates that the induction of tangle-like structures by ZPAD-treatment was blocked by calpain inhibitors. Incubation of hippocampal slices with ZPAD for 6-day induced numerous tangles, in particular, in the border of subiculum and CA1 region. However, when ZPAD was applied in the presence of calpain inhibitor I, the number of tangles was significantly reduced.

FIG. 25 illustrates that the induction of tangle-like structures by ZPAD treatment was blocked by mitogen activate kinase inhibitors. Incubation of hippocampal slices with ZPAD for 6 days induced numerous tangles, in particular, in the border of subiculum and CA1 region. However, when ZPAD was applied in the presence of a mitogen activate kinase inhibitor, the number of tangles was significantly reduced.

FIG. 26. Modulation of biological processing of amyloid precursor protein by mevastatin treatment is blocked by mevalonate. Hippocampal slices were incubated with vehicle alone/control (lane 1), mevastatin (lane 2), mevastatin plus ZPAD (lane 3), mevastatin plus EA1 (lane 4), mevastatin plus cholesterol (lane 5), or mevastatin plus mevalonate (lane 6).

FIG. 27. Effects of mevastatin on APP were partially blocked by MAPKK inhibitor PD98059 but not by inhibitor SB203580 of MAPK p38. Hippocampal slices were incubated with vehicle alone/ control (lane 1), mevastatin (lane 2), mevastatin plus ZPAD (lane 3), mevastatin plus PD98059 (lanes 4 and 5), mevastatin plus EA1 (lanes 6 and 7), mevastatin plus cholesterol (lane 8), mevastatin plus mevalonate (lanes 9 and 12), mevastatin plus SB203580 (lane 10), or mevastatin plus gamma-secretase inhibitor (lane 11).

FIG. 28 shows the activation of caspase 3 by lysosomal dysfunction. Hippocampal slices were cultured for 12 days and incubated with vehicle alone (CONT), ZPAD, or chloroquine (CQN; a lysosomal inhibitor) for 6 days. Cultures were then homogenized, and subjected to an ELISA assay to detect the activity of caspase 3, an apoptotic protease. ZPAD treatment caused a marked increase in the activity of caspase 3.

FIG. 29. Induction of tangle-like structures by pravastatin treatment. Shown are images taken from pravastatin-treated hippocampal slices from the subiculum (A), CA1 field (B), and CA3 field (C). Also shown are higher magnification micrographs of neurons from the CA1 field (D and E).

FIG. 30. Induction of microglial reactions by mevastatin and simvastatin treatments. Shown are images of hippocampal areas from one control animal and an animal treated with simvastatin. \*\*\*\*CD11b\*\*\*\* immunostaining is moderate in control tissue, while it is generally dense in simvastatin treated hippocampus. Higher magnification images show that the density of \*\*\*\*microglia\*\*\*\* is higher in simvastatin treated tissue than that in the control tissue.!

40, no. 6, pp. 937-944. Journal Code: Z0693A (Fig. 7, Ref. 38)  
ISSN: 0001-8724

CY Japan  
DT Journal; General Review  
LA Japanese  
STA New

L5 ANSWER 113 OF 196 MEDLINE on STN  
AN 2003287846 MEDLINE  
DN 22699458 PubMed ID: 12815705  
TI Two populations of microglial cells isolated from rat primary mixed glial cultures.  
AU Kuwabara Yasuhide; Yokoyama Akiko; Yang Lihua; Toku Kazuko; Mori Kohji; Takeda Ikuko; Shigekawa Takako; Zhang Bo; Maeda Nobuji; Sakanaka Masahiro; Tanaka Junya  
CS Department of Physiology, School of Medicine, Ehime University, Ehime, Japan.  
SO JOURNAL OF NEUROSCIENCE RESEARCH, (2003 Jul 1) 73 (1) 22-30.  
Journal code: 7600111. ISSN: 0360-4012.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200309  
ED Entered STN: 20030620  
Last Updated on STN: 20030905  
Entered Medline: 20030904

L5 ANSWER 114 OF 196 PASCAL COPYRIGHT 2003 INIST-CNRS. ALL RIGHTS RESERVED. on STN  
AN 2002-0426712 PASCAL  
CP Copyright .COPYRG. 2002 INIST-CNRS. All rights reserved.  
TIEN Characterization of the macrophages associated with the tunica vasculosa lentis of the rat eye  
AU MCMENAMIN Paul G.; DJANO Jenny; WEALTHALL Rosamund; GRIFFIN Brendan J.  
CS School of Anatomy and Human Biology, The University of Western Australia, Crawley (Perth), Australia; Centre for Microscopy and Microanalysis, The University of Western Australia, Crawley (Perth), Australia  
SO Investigative ophthalmology & visual science, (2002), 43(7), 2076-2082, 46 refs.  
ISSN: 0146-0404 CODEN: IOVSDA  
DT Journal  
BL Analytic  
CY United States  
LA English  
AV INIST-12095, 354000108841470030

L5 ANSWER 115 OF 196 PASCAL COPYRIGHT 2003 INIST-CNRS. ALL RIGHTS RESERVED. on STN  
AN 2000-0353296 PASCAL  
CP Copyright .COPYRG. 2000 INIST-CNRS. All rights reserved.  
TIEN Characterization of cultured \*\*\*microglia\*\*\* that can be infected by HIV-1  
HIV and the Nervous System: Emerging Issues  
AU ALBRIGHT A. V.; SHIEH J. T. C.; O'CONNOR M. J.; GONZALEZ-SCARANO F. RAUSCH Dianne (ed.)  
CS Department of Neurology, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania, PA 19104-6146, United States; Department of Microbiology, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania, PA 19104-6146, United States; Department of Neurosurgery, Thomas Jefferson University, Philadelphia, Pennsylvania, PA 19106, United States  
National Institute of Mental Health, Bethesda, MD, United States  
National Institute of Mental Health (NIMH), Bethesda, MD, United States (patr.); National Institute of Neurological Disorders and Stroke (NINDS), Bethesda, MD, United States (patr.)  
SO Journal of neurovirology, (2000), 6(SUP1), S53-S60, refs. 1 p.1/4  
Conference: HIV and the Nervous System: Emerging Issues. Symposium, Washington, DC (United States), 14 Apr 1999  
ISSN: 1355-0284  
DT Journal; Conference  
BL Analytic  
CY United Kingdom  
LA English  
AV INIST-26734, 354000082438270070

L5 ANSWER 116 OF 196 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2001:985224 SCISEARCH  
GA The Genuine Article (R) Number: 499YX  
TI Caudoputamen is damaged by hypocapnia during mechanical ventilation in a  
rat model of chronic cerebral hypoperfusion  
AU Miyamoto E; Tomimoto H (Reprint); Nakao S; Wakita H; Akiguchi I; Miyamoto  
K; Shingu K  
CS Kyoto Univ, Fac Med, Dept Neurol, Sakyo Ku, Kyoto 6068507, Japan  
(Reprint); Kansai Med Univ, Dept Anesthesiol, Osaka, Japan  
CYA Japan  
SO STROKE, (DEC 2001) Vol. 32, No. 12, pp. 2920-2925.  
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
19106-3621 USA.  
ISSN: 0039-2499.  
DT Article; Journal  
LA English  
REC Reference Count: 49  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 117 OF 196 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2000:931756 SCISEARCH  
GA The Genuine Article (R) Number: 379XK  
TI Intracerebral recruitment and maturation of dendritic cells in the onset  
and progression of experimental autoimmune encephalomyelitis  
AU Serafini B; ColumbaCabezas S; DiRosa F; Aloisi F (Reprint)  
CS IST SUPER SANITA, LAB ORGAN & SYST PATHOPHYSIOL, VIALE REGINA ELENA 299,  
I-00161 ROME, ITALY (Reprint); IST SUPER SANITA, LAB ORGAN & SYST  
PATHOPHYSIOL, I-00161 ROME, ITALY; IST REGINA ELENA, CTR RIC SPERIMENTALE,  
LAB PATHOPHYSIOL, I-00161 ROME, ITALY  
CYA ITALY  
SO AMERICAN JOURNAL OF PATHOLOGY, (DEC 2000) Vol. 157, No. 6, pp. 1991-2002.  
Publisher: AMER SOC INVESTIGATIVE PATHOLOGY, INC, 9650 ROCKVILLE PIKE,  
BETHESDA, MD 20814-3993.  
ISSN: 0002-9440.  
DT Article; Journal  
FS LIFE; CLIN  
LA English  
REC Reference Count: 62  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 118 OF 196 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2000:604914 SCISEARCH  
GA The Genuine Article (R) Number: 340TT  
TI IFN-gamma and LPS-mediated IL-10-dependent suppression of retinal  
microglial activation  
AU Broderick C; Duncan L; Taylor N; Dick A D (Reprint)  
CS UNIV BRISTOL, BRISTOL EYE HOSP, DIV OPHTHALMOL, LOWER MAUDLIN ST, BRISTOL  
BS1 2LX, AVON, ENGLAND (Reprint); UNIV BRISTOL, BRISTOL EYE HOSP, DIV  
OPHTHALMOL, BRISTOL BS1 2LX, AVON, ENGLAND; UNIV ABERDEEN, DEPT  
OPHTHALMOL, ABERDEEN AB9 1FX, SCOTLAND  
CYA ENGLAND; SCOTLAND  
SO INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, (AUG 2000) Vol. 41, No. 9,  
pp. 2613-2622.  
Publisher: ASSOC RESEARCH VISION OPHTHALMOLOGY INC, 9650 ROCKVILLE PIKE,  
BETHESDA, MD 20814-3998.  
ISSN: 0146-0404.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 49  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 119 OF 196 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 2000:290075 SCISEARCH  
GA The Genuine Article (R) Number: 302HR  
TI Flow cytometric characterization of tumor-associated macrophages in  
experimental gliomas  
AU Badie B (Reprint); Schartner J M  
CS UNIV WISCONSIN, SCH MED, CTR CLIN SCI H4 330, NEURO ONCOL LAB, DEPT NEUROL  
SURG, 600 HIGHLAND AVE, MADISON, WI 53792 (Reprint)  
CYA USA  
SO NEUROSURGERY, (APR 2000) Vol. 46, No. 4, pp. 957-961.  
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
19106-3621.  
ISSN: 0148-396X.  
DT Article; Journal

FS LIFE; CLIN  
LA English  
REC Reference Count: 23  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 120 OF 196 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
AN 1998:402144 SCISEARCH  
GA The Genuine Article (R) Number: ZP269  
TI Central nervous system microglial cell activation and proliferation  
follows direct interaction with tissue-infiltrating T cell blasts  
AU Sedgwick J D (Reprint); Ford A L; Foulcher E; Airriess R  
CS ROYAL PRINCE ALFRED HOSP, CENTENARY INST CANC MED & CELL BIOL, BLDG 93,  
MISSENDEN RD, CAMPERDOWN, NSW 2042, AUSTRALIA (Reprint)  
CYA AUSTRALIA  
SO JOURNAL OF IMMUNOLOGY, (1 JUN 1998) Vol. 160, No. 11, pp. 5320-5330.  
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20814.  
ISSN: 0022-1767.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 63  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L5 ANSWER 121 OF 196 USPATFULL on STN  
AN 2003:265972 USPATFULL  
TI Nicotinamide benzofused-heterocyclyl derivatives useful as selective  
inhibitors of pde4 isozymes  
IN Marfat, Anthony, Mystic, CT, UNITED STATES  
Chambers, Robert James, Mystic, CT, UNITED STATES  
PI US 2003186989 A1 20031002  
AI US 2002-181416 A1 20020724 (10)  
WO 2001-IB124 20010130  
PRAI US 2000-60179284 20000131  
DT Utility  
FS APPLICATION  
LN.CNT 6819  
INCL INCLM: 514/252.020  
INCLS: 514/255.050; 514/256.000; 514/269.000; 514/332.000; 514/340.000;  
514/341.000; 514/342.000; 544/238.000; 544/295.000; 544/296.000;  
544/405.000; 546/261.000; 546/262.000; 546/269.100; 546/271.400;  
546/272.100; 546/268.100; 546/268.700; 546/269.700  
NCL NCLM: 514/252.020  
NCLS: 514/255.050; 514/256.000; 514/269.000; 514/332.000; 514/340.000;  
514/341.000; 514/342.000; 544/238.000; 544/295.000; 544/296.000;  
544/405.000; 546/261.000; 546/262.000; 546/269.100; 546/271.400;  
546/272.100; 546/268.100; 546/268.700; 546/269.700  
IC [7]  
ICM: C07D417-02  
ICS: C07D413-02; C07D043-02; C07D041-02; A61K031-513; A61K031-506;  
A61K031-497; A61K031-501; A61K031-444; A61K031-4439

L5 ANSWER 122 OF 196 USPATFULL on STN  
AN 2003:265957 USPATFULL  
TI Pyrrolyl- and imidazoly- acid amide derivatives useful as inhibitors of  
PDE4 isozymes  
IN Marfat, Anthony, UNITED STATES  
McKechney, Michael William, UNITED STATES  
PI US 2003186974 A1 20031002  
AI US 2002-300950 A1 20021120 (10)  
RLI Division of Ser. No. US 2002-62145, filed on 31 Jan 2002, PENDING  
PRAI US 2001-265486P 20010131 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 7140  
INCL INCLM: 514/227.800  
INCLS: 514/255.050; 514/210.200; 514/235.500; 514/256.000; 514/266.200;  
514/252.050; 514/263.200; 514/249.000; 514/365.000  
NCL NCLM: 514/227.800  
NCLS: 514/255.050; 514/210.200; 514/235.500; 514/256.000; 514/266.200;  
514/252.050; 514/263.200; 514/249.000; 514/365.000  
IC [7]  
ICM: A61K031-541  
ICS: A61K031-5377; A61K031-52; A61K031-501; C07D417-02

L5 ANSWER 123 OF 196 USPATFULL on STN

AN 2003:257879 USPATFULL  
TI Novel \*\*\*\*human\*\*\* protein kinase, phosphatase, and protease family  
members and uses thereof  
IN Meyers, Rachel E., Newton, MA, UNITED STATES  
Olandt, Peter J., Newton, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES  
Curtis, Rory A. J., Framingham, MA, UNITED STATES  
Williamson, Mark, Saugus, MA, UNITED STATES  
Weich, Nadine, Brookline, MA, UNITED STATES  
PI US 2003180930 A1 20030925  
AI US 2002-170789 A1 20020613 (10)  
RLI Continuation-in-part of Ser. No. US 2001-797039, filed on 28 Feb 2001,  
PENDING Continuation-in-part of Ser. No. US 2001-882166, filed on 15 Jun  
2001, PENDING Continuation-in-part of Ser. No. US 2001-934406, filed on  
21 Aug 2001, PENDING Continuation-in-part of Ser. No. US 2001-861801,  
filed on 21 May 2001, PENDING Continuation-in-part of Ser. No. US  
2001-801267, filed on 6 Mar 2001, PENDING Continuation-in-part of Ser.  
No. US 2001-829671, filed on 10 Apr 2001, PENDING Continuation-in-part  
of Ser. No. US 2001-961721, filed on 24 Sep 2001, PENDING  
Continuation-in-part of Ser. No. US 2001-45367, filed on 7 Nov 2001,  
PENDING Continuation-in-part of Ser. No. US 2001-801275, filed on 6 Mar  
2001, PENDING  
PRAI WO 2001-US6525 20010228  
WO 2001-US19269 20010615  
WO 2001-US26052 20010821  
WO 2001-US16549 20010521  
WO 2001-US7138 20010305  
WO 2001-US40483 20010411  
WO 2001-US29904 20010924  
WO 2001-US7074 20010305  
US 2000-186061P 20000229 (60)  
US 2000-212078P 20000615 (60)  
US 2000-226740P 20000821 (60)  
US 2000-205508P 20000519 (60)  
US 2000-187454P 20000307 (60)  
US 2000-197508P 20000418 (60)  
US 2000-235023P 20000925 (60)  
US 2000-246561P 20001107 (60)  
US 2000-187420P 20000307 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 45159  
INCL INCLM: 435/194.000  
INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200  
NCL NCLM: 435/194.000  
NCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200  
IC [7]  
ICM: C12N009-12  
ICS: C07H021-04; C12P021-02; C12N005-06

L5 ANSWER 124 OF 196 USPATFULL on STN  
AN 2003:257841 USPATFULL  
TI Interleukin-20  
IN Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Murphy, Marianne, London, UNITED KINGDOM  
Ruben, Steven M., Brookeville, MD, UNITED STATES  
Hu, Jing-Shan, Mountain View, CA, UNITED STATES  
Duan, D. Roxanne, Bethesda, MD, UNITED STATES  
Florence, Kimberly A., Rockville, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
PA Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.  
corporation)  
PI US 2003180892 A1 20030925  
AI US 2002-277726 A1 20021023 (10)  
RLI Division of Ser. No. US 1999-231788, filed on 15 Jan 1999, GRANTED, Pat.  
No. US 6486301 Continuation-in-part of Ser. No. US 1998-115832, filed on  
15 Jul 1998, PENDING Continuation-in-part of Ser. No. US 1998-115832,  
filed on 15 Jul 1998, PENDING  
PRAI US 1997-60140P 19970926 (60)  
US 1997-55952P 19970818 (60)  
US 1997-52870P 19970716 (60)  
US 1997-60140P 19970926 (60)  
US 1997-55952P 19970818 (60)  
US 1997-52870P 19970716 (60)  
DT Utility  
FS APPLICATION



LN.CNT 5982  
INCL INCLM: 435/069.520  
INCLS: 435/320.100; 435/325.000; 530/351.000; 536/023.500  
NCL NCLM: 435/069.520  
NCLS: 435/320.100; 435/325.000; 530/351.000; 536/023.500  
IC [7]  
ICM: C07K014-54  
ICS: C07H021-04; C12P021-04; C12N005-06

L5 ANSWER 125 OF 196 USPTAFULL on STN  
AN 2003:250485 USPTAFULL  
TI Methods of regulating cytokine receptor signaling  
IN Penninger, Josef, Toronto, CANADA  
PI US 2003175270 A1 20030918  
AI US 2003-347051 A1 20030117 (10)  
PRAI US 2002-349861P 20020117 (60)  
DT Utility  
FS APPLICATION

LN.CNT 988  
INCL INCLM: 424/141.100  
INCLS: 424/144.100  
NCL NCLM: 424/141.100  
NCLS: 424/144.100  
IC [7]  
ICM: A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 126 OF 196 USPTAFULL on STN  
AN 2003:238067 USPTAFULL  
TI 18232, a novel dual specificity phosphatase and uses therefor  
IN Meyers, Rachel A., Newton, MA, UNITED STATES  
Weich, Nadine, Brookline, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc., a Delaware corporation (U.S. corporation)  
PI US 2003166224 A1 20030904  
AI US 2002-165272 A1 20020607 (10)  
RLI Continuation of Ser. No. US 2000-704139, filed on 1 Nov 2000, GRANTED, Pat. No. US 6420153  
PRAI US 2000-185772P 20000229 (60)  
DT Utility  
FS APPLICATION

LN.CNT 4569  
INCL INCLM: 435/196.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200  
NCL NCLM: 435/196.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200  
IC [7]  
ICM: C12N009-16  
ICS: C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 127 OF 196 USPTAFULL on STN  
AN 2003:237339 USPTAFULL  
TI Humanized antibodies that recognize beta amyloid peptide  
IN Basi, Gurig, Palo Alto, CA, UNITED STATES  
Saldanha, Jose, Enfield, UNITED KINGDOM  
Yednock, Ted, Forest Knolls, CA, UNITED STATES  
PA Elan Pharmaceuticals, Inc., San Francisco, CA (U.S. corporation)  
PI US 2003165496 A1 20030904  
AI US 2001-10942 A1 20011206 (10)  
PRAI US 2000-251892P 20001206 (60)  
DT Utility  
FS APPLICATION

LN.CNT 5733  
INCL INCLM: 424/141.100  
INCLS: 530/388.150; 435/328.000  
NCL NCLM: 424/141.100  
NCLS: 530/388.150; 435/328.000  
IC [7]  
ICM: A61K039-395  
ICS: C12N005-06; C07K016-44

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 128 OF 196 USPTAFULL on STN  
AN 2003:232047 USPTAFULL  
TI 32164 protein, a novel seven transmembrane protein

IN Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
Weich, Nadine S., Brookline, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003162247 A1 20030828  
AI US 2001-911583 A1 20010724 (9)  
RLI Continuation-in-part of Ser. No. US 1999-476287, filed on 30 Dec 1999,  
PENDING  
PRAI WO 2000-US34973 20001222  
DT Utility  
FS APPLICATION  
LN.CNT 3764  
INCL INCLM: 435/069.100  
INCLS: 530/350.000; 435/320.100; 435/325.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 530/350.000; 435/320.100; 435/325.000; 536/023.500  
IC [7]  
ICM: C07K014-705  
ICS: C07H021-04; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 129 OF 196 USPATFULL on STN  
AN 2003:231634 USPATFULL  
TI Methods and compositions for treating or preventing skin disorders using  
binding agents specific for prostate specific membrane antigen  
IN Bander, Neil, New York, NY, UNITED STATES  
PI US 2003161832 A1 20030828  
AI US 2002-160506 A1 20020530 (10)  
PRAI US 2001-324100P 20010920 (60)  
US 2002-362612P 20020308 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 7532  
INCL INCLM: 424/155.100  
NCL NCLM: 424/155.100  
IC [7]  
ICM: A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 130 OF 196 USPATFULL on STN  
AN 2003:231619 USPATFULL  
TI Pluripotent embryonic-like stem cells, compositions, methods and uses  
thereof  
IN Young, Henry E., Macon, GA, UNITED STATES  
Lucas, Paul A., Poughkeepsie, NY, UNITED STATES  
PI US 2003161817 A1 20030828  
AI US 2001-820320 A1 20010328 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 10419  
INCL INCLM: 424/093.210  
INCLS: 435/366.000  
NCL NCLM: 424/093.210  
NCLS: 435/366.000  
IC [7]  
ICM: A61K048-00  
ICS: C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 131 OF 196 USPATFULL on STN  
AN 2003:225758 USPATFULL  
TI Diagnostic and therapeutic compositions and methods related to G  
protein-coupled receptor (GPCR) anaphylatoxin C3a receptor  
IN Burner, Glenna C., Seattle, WA, UNITED STATES  
Morningstar, Douglas A., Enumclaw, WA, UNITED STATES  
Roush, Christine L., Seattle, WA, UNITED STATES  
Brown, Joseph P., Seattle, WA, UNITED STATES  
PI US 2003157570 A1 20030821  
AI US 2002-206395 A1 20020726 (10)  
PRAI WO 2001-US45220 20011129  
US 2001-330036P 20011017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4412  
INCL INCLM: 435/007.200  
NCL NCLM: 435/007.200  
IC [7]

ICM: G01N033-53  
ICS: G01N033-567

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 132 OF 196 USPATFULL on STN  
AN 2003:220233 USPATFULL  
TI Methods for inhibiting ocular processes  
IN Hinton, David R., Venice, CA, UNITED STATES  
He, Shikun, Temple City, CA, UNITED STATES  
Oliver, Noelynn A., Los Altos, CA, UNITED STATES  
PI US 2003153524 A1 20030814  
AI US 2002-317390 A1 20021211 (10)  
PRAI US 2001-339547P 20011211 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2796  
INCL INCLM: 514/044.000  
INCLS: 424/145.100; 514/001.000  
NCL NCLM: 514/044.000  
NCLS: 424/145.100; 514/001.000  
IC [7]  
ICM: A61K048-00  
ICS: A61K031-00; A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 133 OF 196 USPATFULL on STN  
AN 2003:207939 USPATFULL  
TI Pyrimidine carboxamides useful as inhibitors of pde4 isozymes  
IN Magee, Thomas Victor, Mystic, CT, UNITED STATES  
Marfat, Anthony, Mystic, CT, UNITED STATES  
Chambers, Robert James, Mystic, CT, UNITED STATES  
PI US 2003144300 A1 20030731  
AI US 2002-181417 A1 20020724 (10)  
WO 2001-IB125 20010130  
DT Utility  
FS APPLICATION  
LN.CNT 5944  
INCL INCLM: 514/256.000  
INCLS: 514/269.000; 544/314.000; 544/326.000; 544/328.000  
NCL NCLM: 514/256.000  
NCLS: 514/269.000; 544/314.000; 544/326.000; 544/328.000  
IC [7]  
ICM: A61K031-513  
ICS: A61K031-506

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 134 OF 196 USPATFULL on STN  
AN 2003:200905 USPATFULL  
TI Novel G protein-coupled receptor family members, \*\*\*human\*\*\*  
thioredoxin family members, \*\*\*human\*\*\* leucine-rich repeat family  
members, and \*\*\*human\*\*\* ringfinger family member  
IN Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
Silos-Santiago, Inmaculada, Jamaica Plain, MA, UNITED STATES  
Galvin, Katherine M., Jamaica Plain, MA, UNITED STATES  
Weich, Nadine, Brookline, MA, UNITED STATES  
Curtis, Rory A. J., Framingham, MA, UNITED STATES  
Bandaru, Rajasekhar, Watertown, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES  
PI US 2003138890 A1 20030724  
AI US 2002-145586 A1 20020514 (10)  
RLI Continuation-in-part of Ser. No. US 2001-796338, filed on 28 Feb 2001,  
PENDING Continuation-in-part of Ser. No. WO 2001-US6543, filed on 28 Feb  
2001, PENDING  
PRAI WO 2001-US6057 20010223  
WO 2001-US23152 20010723  
WO 2001-US40476 20010409  
WO 2001-US7139 20010305  
WO 2001-US19544 20010615  
WO 2001-US29967 20010925  
WO 2001-US9470 20010323  
WO 2001-US10380 20010330  
WO 2001-US29968 20010925  
US 2000-186059P 20000229 (60)  
US 2000-220042P 20000721 (60)  
US 2000-187447P 20000307 (60)  
US 2000-211673P 20000615 (60)

US 2000-235049P 20000925 (60)  
 US 2000-191863P 20000324 (60)  
 US 2000-193919P 20000331 (60)  
 US 2000-235032P 20000925 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 51652  
 INCL INCLM: 435/069.100  
 INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 NCL NCLM: 435/069.100  
 NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 IC [7]  
 ICM: C07K014-705  
 ICS: C12P021-02; C12N005-06; C07H021-04  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 135 OF 196 USPATFULL on STN  
 AN 2003:200428 USPATFULL  
 TI Gene expression in monocytes and macrophages  
 IN Greaves, David Robert, Oxford, UNITED KINGDOM  
 PA Glaxo Wellcome Inc. (non-U.S. corporation)  
 PI US 2003138411 A1 20030724  
 AI US 2002-60387 A1 20020201 (10)  
 RLI Continuation of Ser. No. US 1998-171802, filed on 26 Oct 1998, PENDING A  
 371 of International Ser. No. WO 1997-GB1209, filed on 2 May 1997,  
 UNKNOWN  
 PRAI GB 1996-9261 19960502  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1391  
 INCL INCLM: 424/093.210  
 INCLS: 435/069.100; 435/372.000; 435/320.100; 536/023.200; 435/226.000  
 NCL NCLM: 424/093.210  
 NCLS: 435/069.100; 435/372.000; 435/320.100; 536/023.200; 435/226.000  
 IC [7]  
 ICM: A61K048-00  
 ICS: C07H021-04; C12N009-64; C12N005-08  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 136 OF 196 USPATFULL on STN  
 AN 2003:197032 USPATFULL  
 TI Prevention and treatment of amyloid-associated disorders  
 IN Hyslop, Paul Andrew, Indianapolis, IN, United States  
 Miller, Foy Dean, Camby, IN, United States  
 Higgins, Linda S., Palo Alto, CA, United States  
 Catalano, Rosanne, Hayward, CA, United States  
 Cordell, Barbara, Palo Alto, CA, United States  
 Puchacz, Elizbieta, Pleasanton, CA, United States  
 PA Scios Inc., Sunnyvale, CA, United States (U.S. corporation)  
 Eli Lilly and Company, Indianapolis, IN, United States (U.S.  
 corporation)  
 PI US 6596474 B1 20030722  
 AI US 2000-608640 20000630 (9)  
 PRAI US 1999-142175P 19990701 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 1226  
 INCL INCLM: 435/004.000  
 INCLS: 435/070.300; 435/347.000; 435/374.000; 424/562.000  
 NCL NCLM: 435/004.000  
 NCLS: 424/562.000; 435/070.300; 435/347.000; 435/374.000  
 IC [7]  
 ICM: C12Q001-00  
 ICS: C12P021-04; C12N005-06; C12N005-00; A61K035-55  
 EXF 424/562; 435/4; 435/70.3; 435/373; 435/347  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 137 OF 196 USPATFULL on STN  
 AN 2003:188461 USPATFULL  
 TI Oxazoly acid amide derivatives useful as inhibitors of PDE4 isozymes  
 IN Marfat, Anthony, UNITED STATES  
 McKechney, Michael William, UNITED STATES  
 PI US 2003130254 A1 20030710  
 AI US 2002-300959 A1 20021120 (10)  
 RLI Division of Ser. No. US 2002-62145, filed on 31 Jan 2002, PENDING  
 PRAI US 2001-265486P 20010131 (60)

DT Utility  
FS APPLICATION  
LN.CNT 7168  
INCL INCLM: 514/210.200  
INCLS: 514/227.800; 514/235.500; 514/249.000; 514/248.000; 514/263.200;  
514/266.200; 514/256.000; 514/255.050; 514/252.050; 514/365.000;  
514/314.000  
NCL NCLM: 514/210.200  
NCLS: 514/227.800; 514/235.500; 514/249.000; 514/248.000; 514/263.200;  
514/266.200; 514/256.000; 514/255.050; 514/252.050; 514/365.000;  
514/314.000  
IC [7]  
ICM: A61K031-541  
ICS: A61K031-5377; A61K031-506; A61K031-52; A61K031-517; A61K031-4709;  
A61K031-427; C07D417-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 138 OF 196 USPATFULL on STN  
AN 2003:187401 USPATFULL  
TI Complement pathway inhibitors binding to C5 and C5a without preventing  
formation of C5b  
IN Fung, Michael, Houston, TX, UNITED STATES  
Lu, Meisheng, Houston, TX, UNITED STATES  
Sun, William N.C., Shanghai, CHINA  
Sun, Cecily R.Y., Shanghai, CHINA  
PA Tanox, Inc. (U.S. corporation)  
PI US 2003129187 A1 20030710  
AI US 2002-222464 A1 20020817 (10)  
PRAI US 2001-313137P 20010817 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1012  
INCL INCLM: 424/144.100  
INCLS: 435/334.000; 530/388.220; 424/141.100; 530/388.150  
NCL NCLM: 424/144.100  
NCLS: 435/334.000; 530/388.220; 424/141.100; 530/388.150  
IC [7]  
ICM: A61K039-395  
ICS: C12N005-06; C07K016-28  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 139 OF 196 USPATFULL on STN  
AN 2003:180797 USPATFULL  
TI Diagnostic and therapeutic compositions and methods related to chemokine  
(C motif) XC receptor 1 (CXCR1), a G protein-coupled receptor (GPCR)  
IN Burmer, Glenna C., Seattle, WA, UNITED STATES  
Woodward, Madeline L., Mercer Island, WA, UNITED STATES  
Roush, Christine L., Seattle, WA, UNITED STATES  
Brown, Joseph P., Seattle, WA, UNITED STATES  
PI US 2003124627 A1 20030703  
AI US 2002-206401 A1 20020726 (10)  
PRAI WO 2001-US45218 20011129  
DT Utility  
FS APPLICATION  
LN.CNT 4499  
INCL INCLM: 435/007.230  
INCLS: 514/012.000; 530/350.000  
NCL NCLM: 435/007.230  
NCLS: 514/012.000; 530/350.000  
IC [7]  
ICM: G01N033-574  
ICS: C07K014-715; A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 140 OF 196 USPATFULL on STN  
AN 2003:166521 USPATFULL  
TI Methods of treating or preventing cell, tissue, and organ damage using  
\*\*\*\*human\*\*\*\* myeloid progenitor inhibitory factor-1 (MPIF-1)  
IN Li, Haodong, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES  
Grzegorzewski, Krzysztof J., Gaithersburg, MD, UNITED STATES  
Rosen, Craig A., Laytonsville, MD, UNITED STATES  
Patel, Vikram, Germantown, MD, UNITED STATES  
Gentz, Reinder L., Rockville, MD, UNITED STATES  
PA Human Genome Sciences, Inc. (U.S. corporation)  
PI US 2003114379 A1 20030619

AI US 2002-261950 A1 20021002 (10)  
RLI Division of Ser. No. US 2000-689693, filed on 13 Oct 2000, GRANTED, Pat.  
No. US 6495129 Division of Ser. No. US 2000-571013, filed on 15 May  
2000, PENDING Division of Ser. No. US 1999-334951, filed on 17 Jun 1999,  
GRANTED, Pat. No. US 6451562 Continuation of Ser. No. US 1996-722723,  
filed on 30 Sep 1996, ABANDONED Continuation of Ser. No. US 1996-722719,  
filed on 30 Sep 1996, GRANTED, Pat. No. US 6001606 Continuation-in-part  
of Ser. No. US 1995-465682, filed on 6 Jun 1995, ABANDONED  
Continuation-in-part of Ser. No. US 1995-446881, filed on 5 May 1995,  
ABANDONED Continuation of Ser. No. US 1994-208339, filed on 8 Mar 1994,  
GRANTED, Pat. No. US 5504003  
PRAI US 1999-159362P 19991014 (60)  
US 1999-164059P 19991108 (60)  
US 1999-172063P 19991223 (60)  
US 2000-189048P 20000314 (60)  
US 2000-199142P 20000424 (60)  
US 2000-211458P 20000613 (60)  
US 2000-212658P 20000619 (60)  
US 1996-27299P 19960930 (60)  
US 1996-27300P 19960930 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 14465  
INCL INCLM: 514/012.000  
NCL NCLM: 514/012.000  
IC [7]  
ICM: A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 141 OF 196 USPATFULL on STN  
AN 2003:165951 USPATFULL  
TI Function homology screening  
IN Berg, Ellen L., Palo Alto, CA, UNITED STATES  
Butcher, Eugene C., Portola Valley, CA, UNITED STATES  
Melrose, Jennifer, La Honda, CA, UNITED STATES  
PI US 2003113807 A1 20030619  
AI US 2001-800605 A1 20010306 (9)  
PRAI US 2000-186976P 20000306 (60)  
US 2000-195672P 20000407 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4315  
INCL INCLM: 435/007.200  
INCLS: 702/019.000  
NCL NCLM: 435/007.200  
NCLS: 702/019.000  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; G06F019-00; G01N033-48; G01N033-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 142 OF 196 USPATFULL on STN  
AN 2003:165472 USPATFULL  
TI Reducing myelin-mediated inhibition of axon regeneration  
IN He, Zhigang, Boston, MA, UNITED STATES  
Wang, Kevin C., Boston, MA, UNITED STATES  
Koprivica, Vuk, Boston, MA, UNITED STATES  
Kim, Jieun A., Boston, MA, UNITED STATES  
PA Children's Medical Center Corporation (U.S. corporation)  
PI US 2003113326 A1 20030619  
AI US 2002-127058 A1 20020419 (10)  
RLI Continuation of Ser. No. US 2001-6002, filed on 3 Dec 2001, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 1071  
INCL INCLM: 424/146.100  
INCLS: 435/007.200  
NCL NCLM: 424/146.100  
NCLS: 435/007.200  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; A61K039-395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 143 OF 196 USPATFULL on STN  
AN 2003:165471 USPATFULL

TI Reducing myelin-mediated inhibition of axon regeneration  
IN He, Zhigang, Boston, MA, UNITED STATES  
Wang, Kevin C., Boston, MA, UNITED STATES  
Koprivica, Vuk, Boston, MA, UNITED STATES  
Kim, Jieun A., Boston, MA, UNITED STATES  
PI US 2003113325 A1 20030619  
AI US 2001-6002 A1 20011203 (10)  
DT Utility  
FS APPLICATION  
LN.CNT 1220  
INCL INCLM: 424/146.100  
INCLS: 435/007.200  
NCL NCLM: 424/146.100  
NCLS: 435/007.200  
IC [7]  
ICM: A61K039-395  
ICS: G01N033-53; G01N033-567  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 144 OF 196 USPATFULL on STN  
AN 2003:153329 USPATFULL  
TI Multi-lineage directed induction of bone marrow stromal cell  
differentiation  
IN Black, Ira B., Skillman, NY, UNITED STATES  
Woodbury, Dale, Piscataway, NJ, UNITED STATES  
PI US 2003104997 A1 20030605  
AI US 2001-946325 A1 20010905 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 2016  
INCL INCLM: 514/012.000  
INCLS: 435/372.000; 514/044.000  
NCL NCLM: 514/012.000  
NCLS: 435/372.000; 514/044.000  
IC [7]  
ICM: A61K038-18  
ICS: A61K048-00; C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 145 OF 196 USPATFULL on STN  
AN 2003:152692 USPATFULL  
TI Diagnosis methods based on microcompetition for a limiting GABP complex  
IN Polansky, Hanan, Rochester, NY, UNITED STATES  
PI US 2003104358 A1 20030605  
AI US 2002-219649 A1 20020815 (10)  
RLI Continuation-in-part of Ser. No. US 2000-732360, filed on 7 Dec 2000,  
PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 14430  
INCL INCLM: 435/005.000  
INCLS: 435/006.000  
NCL NCLM: 435/005.000  
NCLS: 435/006.000  
IC [7]  
ICM: C12Q001-70  
ICS: C12Q001-68  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 146 OF 196 USPATFULL on STN  
AN 2003:146361 USPATFULL  
TI Compositions and methods for generating differentiated \*\*\*human\*\*\*  
cells  
IN Peschle, Cesare, Rome, ITALY  
PA Thomas Jefferson University, Philadelphia, PA, UNITED STATES (non-U.S.  
corporation)  
PI US 2003100107 A1 20030529  
AI US 2001-7574 A1 20011109 (10)  
RLI Continuation-in-part of Ser. No. US 1999-322352, filed on 28 May 1999,  
PENDING  
PRAI US 1998-87153P 19980529 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3085  
INCL INCLM: 435/372.000  
INCLS: 435/007.210

NCL NCLM: 435/372.000  
NCLS: 435/007.210  
IC [7]  
ICM: C12N005-08  
ICS: G01N033-567  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 147 OF 196 USPATFULL on STN  
AN 2003:140112 USPATFULL  
TI Multi-organ engraftment with a single bone marrow-derived stem cell  
IN Krause, Diane S., Hamden, CT, UNITED STATES  
Theise, Neil D., New York, NY, UNITED STATES  
Collector, Michael I., Baltimore, MD, UNITED STATES  
Sharkis, Saul J., Towson, MD, UNITED STATES  
PI US 2003095952 A1 20030522  
AI US 2002-165533 A1 20020607 (10)  
PRAI US 2001-297927P 20010613 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1313  
INCL INCLM: 424/093.700  
INCLS: 435/372.000  
NCL NCLM: 424/093.700  
NCLS: 435/372.000  
IC [7]  
ICM: A61K045-00  
ICS: C12N005-08

L5 ANSWER 148 OF 196 USPATFULL on STN  
AN 2003:130039 USPATFULL  
TI Perlecan transgenic animals and methods of identifying compounds for the  
treatment of amyloidoses  
IN Snow, Alan D., Lynnwood, WA, United States  
Fukuchi, Ken-Ichiro, Birmingham, AL, United States  
Hassell, John, Tampa, FL, United States  
PA University of Washington, Seattle, WA, United States (U.S. corporation)  
PI US 6563016 B1 20030513  
AI US 2000-536231 20000327 (9)  
RLI Continuation of Ser. No. US 1997-870987, filed on 6 Jun 1997, now  
abandoned  
PRAI US 1996-17830P 19960606 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2931  
INCL INCLM: 800/012.000  
INCLS: 800/008.000; 800/009.000; 800/003.000; 800/014.000; 800/018.000;  
800/021.000; 800/022.000; 800/025.000; 435/320.100; 435/325.000;  
435/455.000  
NCL NCLM: 800/012.000  
NCLS: 435/320.100; 435/325.000; 435/455.000; 800/003.000; 800/008.000;  
800/009.000; 800/014.000; 800/018.000; 800/021.000; 800/022.000;  
800/025.000  
IC [7]  
ICM: A01K067-00  
ICS: A01K067-027; C12N015-00; C12N005-00  
EXF 800/3; 800/12; 800/14; 800/18; 800/21; 800/22; 800/8; 800/9; 800/25;  
435/320.1; 435/325; 435/455; 536/23.1; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 149 OF 196 USPATFULL on STN  
AN 2003:127035 USPATFULL  
TI Diagnosis and treatment of inflammation and hyperactive immune  
conditions  
IN Kumamoto, Tadashi, Tsu, JAPAN  
Mizumoto, Norikatsu, Irving, TX, UNITED STATES  
Takashima, Akira, Coppel, TX, UNITED STATES  
PI US 2003087247 A1 20030508  
AI US 2002-74220 A1 20020212 (10)  
PRAI US 2001-273212P 20010301 (60)  
US 2001-334618P 20011101 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3955  
INCL INCLM: 435/006.000  
INCLS: 435/004.000  
NCL NCLM: 435/006.000



IC NCLS: 435/004.000  
[7]  
ICM: C12Q001-68  
ICS: C12Q001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 150 OF 196 USPATFULL on STN  
AN 2003:120776 USPATFULL  
TI Cryptococcal mannoproteins or equivalents thereof for use in modulating  
neutrophil migration  
IN HoepeIman, Iija Mohandas, Utrecht, NETHERLANDS  
PI US 2003083260 A1 20030501  
AI US 2002-238908 A1 20020909 (10)  
RLI Continuation of Ser. No. WO 2001-NL192, filed on 8 Mar 2001, UNKNOWN  
PRAI EP 2000-200826 20000308  
DT Utility  
FS APPLICATION  
LN.CNT 560  
INCL INCLM: 514/012.000  
INCLS: 514/008.000  
NCL NCLM: 514/012.000  
NCLS: 514/008.000  
IC [7]  
ICM: A61K038-16  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 151 OF 196 USPATFULL on STN  
AN 2003:112894 USPATFULL  
TI 20685, 579, 17114, 23821, 33894 and 32613, novel \*\*\*human\*\*\*  
transporters  
IN Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
Silos-Santiago, Inmaculada, Jamaica Plain, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003077626 A1 20030424  
AI US 2002-199485 A1 20020718 (10)  
RLI Continuation-in-part of Ser. No. US 2001-795693, filed on 28 Feb 2001,  
PENDING  
PRAI US 2000-185906P 20000229 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8163  
INCL INCLM: 435/006.000  
INCLS: 530/350.000; 536/023.100  
NCL NCLM: 435/006.000  
NCLS: 530/350.000; 536/023.100  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-02; C07H021-04; C07K001-00; C07K014-00; C07K017-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 152 OF 196 USPATFULL on STN  
AN 2003:112548 USPATFULL  
TI Novel \*\*\*human\*\*\* beta2 integrin alpha subunit  
IN Gallatin, W. Michael, Mercer Island, WA, UNITED STATES  
Van der Vieren, Monica, Seattle, WA, UNITED STATES  
PA ICOS Corporation (U.S. corporation)  
PI US 2003077278 A1 20030424  
AI US 2001-891943 A1 20010626 (9)  
RLI Division of Ser. No. US 1998-193043, filed on 16 Nov 1998, PATENTED  
Continuation-in-part of Ser. No. US 1997-943363, filed on 3 Oct 1997,  
PATENTED Continuation-in-part of Ser. No. US 1996-605672, filed on 22  
Feb 1996, PATENTED Continuation-in-part of Ser. No. US 1994-362652,  
filed on 21 Dec 1994, PATENTED Continuation-in-part of Ser. No. US  
1994-286889, filed on 5 Aug 1994, PATENTED Continuation-in-part of Ser.  
No. US 1993-173497, filed on 23 Dec 1993, PATENTED  
DT Utility  
FS APPLICATION  
LN.CNT 9721  
INCL INCLM: 424/144.100  
INCLS: 435/334.000  
NCL NCLM: 424/144.100  
NCLS: 435/334.000  
IC [7]  
ICM: A61K039-395  
ICS: C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 153 OF 196 USPATFULL on STN  
AN 2003:105826 USPATFULL  
TI Tissue protective cytokines for the protection, restoration, and  
enhancement of responsive cells, tissues and organs  
IN Brines, Michael, Woodbridge, CT, UNITED STATES  
Cerami, Antony, Croton On Hudson, NY, UNITED STATES  
Cerami, Carla, Sleepy Hollow, NY, UNITED STATES  
PI US 2003072737 A1 20030417  
AI US 2002-188905 A1 20020703 (10)  
RLI Continuation-in-part of Ser. No. US 2000-753132, filed on 29 Dec 2000,  
PENDING Continuation-in-part of Ser. No. WO 2001-US49479, filed on 28  
Dec 2001, PENDING  
PRAI US 2000-259245P 20001229 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3417  
INCL INCLM: 424/085.100  
INCLS: 530/351.000  
NCL NCLM: 424/085.100  
NCLS: 530/351.000  
IC [7]  
ICM: A61K038-19  
ICS: C07K014-52  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 154 OF 196 USPATFULL on STN  
AN 2003:100088 USPATFULL  
TI Treatment methods based on microcompetition for a limiting GABP complex  
IN Polansky, Hanan, Rochester, NY, UNITED STATES  
PI US 2003069199 A1 20030410  
AI US 2002-219334 A1 20020815 (10)  
RLI Continuation-in-part of Ser. No. US 2000-732360, filed on 7 Dec 2000,  
PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 14837  
INCL INCLM: 514/044.000  
INCLS: 424/093.200; 424/186.100  
NCL NCLM: 514/044.000  
NCLS: 424/093.200; 424/186.100  
IC [7]  
ICM: A61K048-00  
ICS: A61K039-12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 155 OF 196 USPATFULL on STN  
AN 2003:99511 USPATFULL  
TI Drug discovery assays based on microcompetition for a limiting GABP  
complex  
IN Polansky, Hanan, Rochester, NY, UNITED STATES  
PI US 2003068616 A1 20030410  
AI US 2002-223050 A1 20020814 (10)  
RLI Continuation-in-part of Ser. No. US 2000-732360, filed on 7 Dec 2000,  
PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 14981  
INCL INCLM: 435/005.000  
INCLS: 435/007.210; 435/456.000; 435/320.100; 435/325.000; 435/366.000  
NCL NCLM: 435/005.000  
NCLS: 435/007.210; 435/456.000; 435/320.100; 435/325.000; 435/366.000  
IC [7]  
ICM: C12Q001-70  
ICS: G01N033-567; C12N015-86; C12N005-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 156 OF 196 USPATFULL on STN  
AN 2003:52389 USPATFULL  
TI Novel nucleic acid sequences encoding a \*\*\*human\*\*\* ubiquitin  
protease, lipase, dynamin, short chain dehydrogenase, and ADAM-TS  
metalloprotease and uses therefor  
IN Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES  
Meyers, Rachel E., Newton, MA, UNITED STATES  
Rudolph-Owen, Laura A., Jamaica Plain, MA, UNITED STATES

PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003037350 A1 20030220  
AI US 2002-163547 A1 20020605 (10)  
RLI Continuation-in-part of Ser. No. US 1999-407356, filed on 29 Sep 1999,  
PENDING Continuation-in-part of Ser. No. US 2000-704918, filed on 2 Nov  
2000, PENDING Continuation-in-part of Ser. No. US 1999-435311, filed on  
5 Nov 1999, PENDING Continuation-in-part of Ser. No. US 2001-796100,  
filed on 28 Feb 2001, PENDING Continuation-in-part of Ser. No. US  
2001-781598, filed on 12 Feb 2001, PENDING Continuation-in-part of Ser.  
No. US 2001-782952, filed on 14 Feb 2001, PENDING Continuation-in-part  
of Ser. No. US 2000-496005, filed on 1 Feb 2000, PENDING  
PRAI US 2000-185503P 20000228 (60)  
US 2000-182009P 20000211 (60)  
US 2000-182408P 20000214 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 23031  
INCL INCLM: 800/008.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.200  
NCL NCLM: 800/008.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/183.000; 536/023.200  
IC [7]  
ICM: A01K067-00  
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 157 OF 196 USPATFULL on STN  
AN 2003:51117 USPATFULL  
TI Novel nucleic acid sequences encoding \*\*\*human\*\*\* transporters, a  
\*\*\*human\*\*\* atpase molecule, a \*\*\*human\*\*\* ubiquitin  
hydrolase-like molecule, a \*\*\*human\*\*\* ubiquitin conjugating  
enzyme-like molecule, and uses therefor  
IN Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
Kapeller-Libermann, Rosanna, Chestnut Hill, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003036074 A1 20030220  
AI US 2002-156239 A1 20020524 (10)  
RLI Continuation-in-part of Ser. No. US 2001-795693, filed on 28 Feb 2001,  
PENDING Continuation-in-part of Ser. No. US 2001-809557, filed on 15 Mar  
2001, PENDING Continuation-in-part of Ser. No. US 2001-808568, filed on  
14 Mar 2001, PENDING Continuation-in-part of Ser. No. US 2001-808767,  
filed on 15 Mar 2001, PENDING  
PRAI US 2000-185906P 20000229 (60)  
US 2000-192018P 20000324 (60)  
US 2000-191790P 20000324 (60)  
US 2000-191781P 20000324 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 19568  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/226.000; 435/199.000; 435/320.100; 435/325.000;  
530/350.000; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/226.000; 435/199.000; 435/320.100; 435/325.000;  
530/350.000; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-22; C12N009-64; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 158 OF 196 USPATFULL on STN  
AN 2003:44875 USPATFULL  
TI Method of making a homogeneous preparation of hematopoietic stem cells  
IN Sharkis, Saul J., Towson, MD, UNITED STATES  
Collector, Michael I., Baltimore, MD, UNITED STATES  
PI US 2003032185 A1 20030213  
AI US 2002-132695 A1 20020426 (10)  
PRAI US 2001-288084P 20010503 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1217  
INCL INCLM: 435/372.000  
NCL NCLM: 435/372.000  
IC [7]  
ICM: C12N005-08

L5 ANSWER 159 OF 196 USPATFULL on STN  
AN 2003:38351 USPATFULL  
TI Novel genes encoding proteins having prognostic, diagnostic, preventive,  
therapeutic, and other uses  
IN Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES  
Barnes, Thomas M., Brookline, MA, UNITED STATES  
PI US 2003027998 A1 20030206  
AI US 2001-796753 A1 20010301 (9)  
RLI Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998,  
ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22  
Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec  
1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec  
1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on  
30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072,  
filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US  
1998-224246, filed on 30 Dec 1998, ABANDONED Continuation-in-part of  
Ser. No. US 1999-474071, filed on 29 Dec 1999, ABANDONED  
Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998,  
ABANDONED Continuation-in-part of Ser. No. US 2000-514010, filed on 25  
Feb 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-259388,  
filed on 26 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US  
2000-516745, filed on 1 Mar 2000, ABANDONED Continuation-in-part of Ser.  
No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part  
of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING  
Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000,  
PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul  
1999, ABANDONED Continuation-in-part of Ser. No. US 2000-665666, filed  
on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723,  
filed on 20 Sep 1999, ABANDONED Continuation-in-part of Ser. No. US  
2000-667751, filed on 21 Sep 2000, PENDING Continuation-in-part of Ser.  
No. US 1999-409634, filed on 30 Sep 1999, ABANDONED Continuation-in-part  
of Ser. No. US 2000-572002, filed on 15 May 2000, PENDING  
Continuation-in-part of Ser. No. US 1999-312359, filed on 14 May 1999,  
ABANDONED Continuation-in-part of Ser. No. US 2000-606565, filed on 29  
Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-342687, filed  
on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US  
2000-606317, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser.  
No. US 1999-345464, filed on 30 Jun 1999, ABANDONED  
PRAI US 1999-122458P 19990301 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 22222  
INCL INCLM: 536/023.100  
NCL NCLM: 536/023.100  
IC [7]  
ICM: C07H021-02  
ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 160 OF 196 USPATFULL on STN  
AN 2003:38198 USPATFULL  
TI Ether derivatives useful as inhibitors of PDE4 isozymes  
IN Marfat, Anthony, Mystic, CT, UNITED STATES  
Chambers, Robert J., Mystic, CT, UNITED STATES  
Magee, Thomas V., Mystic, CT, UNITED STATES  
Pfizer Inc. (U.S. corporation)  
PI US 2003027845 A1 20030206  
AI US 2002-66503 A1 20020131 (10)  
PRAI US 2001-265304P 20010131 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8073  
INCL INCLM: 514/340.000  
INCLS: 514/345.000; 546/268.100; 546/298.000  
NCL NCLM: 514/340.000  
NCLS: 514/345.000; 546/268.100; 546/298.000  
IC [7]  
ICM: A61K031-4439  
ICS: A61K031-44; C07D213-78

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 161 OF 196 USPATFULL on STN  
AN 2003:30210 USPATFULL  
TI Methods of producing a library and methods of selecting polynucleotides  
of interest  
IN Zauderer, Maurice, Pittsford, NY, UNITED STATES

Smith, Ernest S., Ontario, NY, UNITED STATES  
PA University of Rochester (U.S. corporation)  
PI US 2003022157 A1 20030130  
AI US 2001-818991 A1 20010328 (9)  
PRAI US 2000-192586P 20000328 (60)  
US 2000-203343P 20000510 (60)  
US 2001-263226P 20010123 (60)  
US 2001-271426P 20010227 (60)

DT Utility

FS APPLICATION

LN.CNT 10535

INCL INCLM: 435/005.000  
INCLS: 435/069.100; 435/456.000; 435/235.100

NCL NCLM: 435/005.000  
NCLS: 435/069.100; 435/456.000; 435/235.100

IC [7]

ICM: C12Q001-70

ICS: C12N007-00; C12P021-02; C12N015-863

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 162 OF 196 USPATFULL on STN

AN 2003:17888 USPATFULL

TI Integrin linked kinase modulation of leukocyte trafficking

IN Kojic, Ljiljana, Vancouver, CANADA

Kalmar, Gabe, Richmond, CANADA

Moran, David M., Woking, UNITED KINGDOM

PI US 2003013640 A1 20030116

AI US 2002-163385 A1 20020604 (10)

PRAI US 2001-296262P 20010605 (60)

DT Utility

FS APPLICATION

LN.CNT 858

INCL INCLM: 514/002.000

NCL NCLM: 514/002.000

IC [7]

ICM: A61K038-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 163 OF 196 USPATFULL on STN

AN 2002:338241 USPATFULL

TI Nicotinamide biaryl derivatives useful as inhibitors of PDE4 isozymes

IN Chambers, Robert J., Mystic, CT, UNITED STATES

Marfat, Anthony, Mystic, CT, UNITED STATES

Magee, Thomas V., Mystic, CT, UNITED STATES

PA Pfizer Inc. (U.S. corporation)

PI US 2002193612 A1 20021219

AI US 2002-62813 A1 20020131 (10)

PRAI US 2001-265492P 20010131 (60)

DT Utility

FS APPLICATION

LN.CNT 7001

INCL INCLM: 549/200.000

NCL NCLM: 549/200.000

IC [7]

ICM: C07D321-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 164 OF 196 USPATFULL on STN

AN 2002:336861 USPATFULL

TI Novel uses of mammalian OX2 protein and related reagents

IN Hoek, Robert M., Mountain View, CA, UNITED STATES

Sedgwick, Jonathan D., Palo Alto, CA, UNITED STATES

PA Schering Corporation, a New Jersey corporation (U.S. corporation)

PI US 2002192215 A1 20021219

AI US 2002-86972 A1 20020301 (10)

RLI Division of Ser. No. US 2000-547432, filed on 12 Apr 2000, ABANDONED

PRAI US 1999-129124P 19990413 (60)

DT Utility

FS APPLICATION

LN.CNT 885

INCL INCLM: 424/144.100

INCLS: 514/012.000

NCL NCLM: 424/144.100

NCLS: 514/012.000

IC [7]

ICM: A61K039-395

ICS: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 165 OF 196 USPATFULL on STN  
AN 2002:311025 USPATFULL  
TI Interleukin-20  
IN Ebner, Reinhard, Gaithersburg, MD, United States  
Murphy, Marianne, Richmond, UNITED KINGDOM  
Ruben, Steven M., Olney, MD, United States  
Hu, Jing-Shan, Sunnyvale, CA, United States  
Duan, D. Roxanne, Bethesda, MD, United States  
Florence, Kimberly A., Rockville, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 6486301 B1 20021126  
AI US 1999-231788 19990115 (9)  
RLI Continuation-in-part of Ser. No. US 1998-115832, filed on 15 Jul 1998  
PRAI US 1997-52870P 19970716 (60)  
US 1997-60140P 19970926 (60)  
US 1997-55952P 19970818 (60)  
DT Utility  
FS GRANTED  
LN.CNT 5643  
INCL INCLM: 530/351.000  
INCLS: 424/085.100  
NCL NCLM: 530/351.000  
NCLS: 424/085.100  
IC [7]  
ICM: C07K014-475  
ICS: A61K038-19  
EXF 530/351; 424/85.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 166 OF 196 USPATFULL on STN  
AN 2002:300827 USPATFULL  
TI Methods and compositions for treating secondary tissue damage and other  
inflammatory conditions and disorders  
IN McDonald, John R., Calgary, AB, UNITED STATES  
Coggins, Philip J., Calgary, AB, UNITED STATES  
PI US 2002168370 A1 20021114  
AI US 2001-792793 A1 20010222 (9)  
RLI Division of Ser. No. US 1999-453851, filed on 2 Dec 1999, PENDING  
Division of Ser. No. US 1999-360242, filed on 22 Jul 1999, PENDING  
Continuation of Ser. No. US 1998-120523, filed on 22 Jul 1998, ABANDONED  
PRAI WO 1999-CA659 19990721  
US 1998-155186P 19980722 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 7972  
INCL INCLM: 424/178.100  
INCLS: 514/012.000; 530/389.100; 536/023.530; 435/069.100; 435/320.100;  
435/325.000  
NCL NCLM: 424/178.100  
NCLS: 514/012.000; 530/389.100; 536/023.530; 435/069.100; 435/320.100;  
435/325.000  
IC [7]  
ICM: A61K039-395  
ICS: C07H021-04; C12P021-02; C12N005-06; C07K016-46  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 167 OF 196 USPATFULL on STN  
AN 2002:300807 USPATFULL  
TI Methods for treating disorders of neuronal deficiency with bone  
marrow-derived cells  
IN Brazelton, Timothy R., Cupertino, CA, UNITED STATES  
Blau, Helen M., Menlo Park, CA, UNITED STATES  
PI US 2002168350 A1 20021114  
AI US 2001-993045 A1 20011113 (9)  
PRAI US 2000-247128P 20001110 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1696  
INCL INCLM: 424/093.210  
INCLS: 424/093.700  
NCL NCLM: 424/093.210

IC NCLS: 424/093.700  
[7]  
ICM: A61K048-00

L5 ANSWER 168 OF 196 USPATFULL on STN  
AN 2002:251234 USPATFULL  
TI 14087, a novel serine protease molecule and uses therefor  
IN Meyers, Rachel, Newton, MA, UNITED STATES  
PI US 2002137181 A1 20020926  
AI US 2001-910151 A1 20010718 (9)  
PRAI US 2000-219022P 20000718 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4064  
INCL INCLM: 435/226.000  
INCLS: 435/006.000; 435/091.200; 435/069.100; 435/325.000; 435/320.100;  
536/023.200  
NCL NCLM: 435/226.000  
NCLS: 435/006.000; 435/091.200; 435/069.100; 435/325.000; 435/320.100;  
536/023.200

IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-64; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 169 OF 196 USPATFULL on STN  
AN 2002:228358 USPATFULL  
TI Thiazolyl-, oxazolyl-, pyrrolyl-, and imidazolyl-acid amide derivatives  
useful as inhibitors of PDE4 isozymes  
IN Marfat, Anthony, Mystic, CT, UNITED STATES  
McKechney, Michael William, Fairport, NY, UNITED STATES  
PA Pfizer Inc. (U.S. corporation)  
PI US 2002123520 A1 20020905  
US 6559168 B2 20030506  
AI US 2002-62145 A1 20020131 (10)  
PRAI US 2001-265486P 20010131 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 6963  
INCL INCLM: 514/365.000  
INCLS: 514/398.000; 548/188.000; 548/323.100; 514/341.000; 514/342.000;  
546/269.700; 546/272.700  
NCL NCLM: 514/338.000  
NCLS: 514/342.000; 514/369.000; 514/370.000; 546/269.700; 548/188.000;  
548/195.000; 548/196.000

IC [7]  
ICM: A61K031-4439  
ICS: A61K031-426; C07D417-02; C07D043-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 170 OF 196 USPATFULL on STN  
AN 2002:228311 USPATFULL  
TI LENTIVIRUS BASED VECTOR AND VECTOR SYSTEM  
IN UBERLA, KLAUS, MOEHRENDORF, GERMANY, FEDERAL REPUBLIC OF  
PI US 2002123471 A1 20020905  
AI US 1999-380323 A1 19991122 (9)  
WO 1998-EP1191 19980303  
PRAI DK 1997-238 19970603  
DT Utility  
FS APPLICATION  
LN.CNT 999  
INCL INCLM: 514/044.000  
INCLS: 424/093.100; 435/456.000; 435/320.100; 435/235.100; 536/023.100  
NCL NCLM: 514/044.000  
NCLS: 424/093.100; 435/456.000; 435/320.100; 435/235.100; 536/023.100

IC [7]  
ICM: A61K048-00  
ICS: A01N063-00; C12N015-86; C12N007-01; C12N007-01; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 171 OF 196 USPATFULL on STN  
AN 2002:206794 USPATFULL  
TI Nicotinamide acids, amides, and their mimetics active as inhibitors of  
PDE4 isozymes  
IN Magee, Thomas Victor, Mystic, CT, UNITED STATES  
Marfat, Anthony, Mystic, CT, UNITED STATES

Chambers, Robert James, Mystic, CT, UNITED STATES

PA Pfizer Inc. (U.S. corporation)  
PI US 2002111495 A1 20020815  
AI US 2002-62811 A1 20020131 (10)  
PRAI US 2001-265240P 20010131 (60)  
US 1997-43403P 19970404 (60)  
US 1998-105120P 19981021 (60)

DT Utility

FS APPLICATION

LN.CNT 7710

INCL INCLM: 546/291.000

INCLS: 546/298.000; 546/315.000

NCL NCLM: 546/291.000

NCLS: 546/298.000; 546/315.000

IC [7]

ICM: C07D213-78

ICS: C07D213-63

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 172 OF 196 USPATFULL on STN

AN 2002:201650 USPATFULL

TI Methods of inhibiting locomotor damage following spinal cord injury with .alpha. D-specific antibodies

IN Gallatin, W. Michael, Mercer Island, WA, United States

Van der Vieren, Monica, Snohomish, WA, United States

PA ICOS Corporation, Bothell, WA, United States (U.S. corporation)

PI US 6432404 B1 20020813

AI US 2000-688307 20001013 (9)

RLI Continuation-in-part of Ser. No. US 1999-350259, filed on 8 Jul 1999

Continuation of Ser. No. US 1998-193043, filed on 16 Nov 1998, now

patented, Pat. No. US 6251395, issued on 26 Jun 2001

Continuation-in-part of Ser. No. US 1997-943363, filed on 3 Oct 1997,

now patented, Pat. No. US 5837478, issued on 17 Oct 1998

Continuation-in-part of Ser. No. US 1996-605672, filed on 22 Feb 1996,

now patented, Pat. No. US 5817515, issued on 6 Oct 1998

Continuation-in-part of Ser. No. US 1994-362652, filed on 21 Dec 1994,

now patented, Pat. No. US 5766850, issued on 16 Jun 1998

Continuation-in-part of Ser. No. US 1994-286889, filed on 5 Aug 1994,

now patented, Pat. No. US 5470953, issued on 28 Nov 1995

Continuation-in-part of Ser. No. US 1993-173497, filed on 23 Dec 1993,

now patented, Pat. No. US 5437958, issued on 1 Aug 1995

DT Utility

FS GRANTED

LN.CNT 10229

INCL INCLM: 424/144.100

INCLS: 424/130.100; 424/141.100; 424/143.100; 424/153.100; 424/154.100;

424/173.100; 530/387.100; 530/388.100; 530/388.200; 530/388.220;

530/388.700; 530/388.730; 530/388.750

NCL NCLM: 424/144.100

NCLS: 424/130.100; 424/141.100; 424/143.100; 424/153.100; 424/154.100;

424/173.100; 530/387.100; 530/388.100; 530/388.200; 530/388.220;

530/388.700; 530/388.730; 530/388.750

IC [7]

ICM: A61K039-395

ICS: C07K016-28

EXF 424/130.1; 424/141.1; 424/153.1; 424/143.1; 424/144.1; 424/154.1;

424/173.1; 530/387.1; 530/388.22; 530/388.75; 530/388.1; 530/388.2;

530/388.7; 530/388.73

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 173 OF 196 USPATFULL on STN

AN 2002:193026 USPATFULL

TI METHOD FOR IDENTIFYING ALZHEIMER'S DISEASE THERAPEUTICS USING TRANSGENIC ANIMAL MODELS

IN GAMES, KATE DORA, BELMONT, CA, UNITED STATES

SCHENK, DALE BERNARD, BURLINGAME, CA, UNITED STATES

MCCONLOGUE, LISA CLAIRE, SAN FRANCISCO, CA, UNITED STATES

SEUBERT, PETER ANDREW, SAN FRANCISCO, CA, UNITED STATES

RYDEL, RUSSELL E., BELMONT, CA, UNITED STATES

PI US 2002104104 A1 20020801

AI US 1998-149718 A1 19980908 (9)

RLI Continuation-in-part of Ser. No. US 1996-660487, filed on 7 Jun 1996,

ABANDONED Continuation-in-part of Ser. No. US 1995-480653, filed on 7

Jun 1995, ABANDONED Continuation-in-part of Ser. No. US 1996-659797,

filed on 7 Jun 1996, ABANDONED Continuation-in-part of Ser. No. US

1995-486538, filed on 7 Jun 1995, ABANDONED



DT Utility  
FS APPLICATION  
LN.CNT 4514  
INCL INCLM: 800/003.000  
INCLS: 435/354.000; 435/029.000; 800/012.000; 800/018.000  
NCL NCLM: 800/003.000  
NCLS: 435/354.000; 435/029.000; 800/012.000; 800/018.000  
IC [7]  
ICM: A01K067-027  
ICS: C12Q001-02

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 174 OF 196 USPATFULL on STN  
AN 2002:191516 USPATFULL  
TI Diagnostics and therapeutics for ocular disorders  
IN Hageman, Gregory S., Coralville, IA, UNITED STATES  
Mullins, Robert F., Coralville, IA, UNITED STATES  
PI US 2002102581 A1 20020801  
AI US 2001-949261 A1 20010906 (9)  
RLI Continuation-in-part of Ser. No. US 2000-510230, filed on 22 Feb 2000,  
PENDING Continuation-in-part of Ser. No. US 2001-845745, filed on 30 Apr  
2001, PENDING  
PRAI US 1999-120822P 19990219 (60)  
US 1999-120668P 19990219 (60)  
US 1999-123052P 19990305 (60)  
US 2000-200698P 20000429 (60)

DT Utility  
FS APPLICATION  
LN.CNT 5644  
INCL INCLM: 435/006.000  
INCLS: 435/007.200; 435/040.500  
NCL NCLM: 435/006.000  
NCLS: 435/007.200; 435/040.500  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-53; G01N033-567

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 175 OF 196 USPATFULL on STN  
AN 2002:185609 USPATFULL  
TI Method and marker for the isolation of \*\*\*human\*\*\* multipotent  
hematopoietic stem cells  
IN Bonnet, Dominique, Finsbury, UNITED KINGDOM  
Danet, Guenahel H., Philadelphia, PA, UNITED STATES  
PI US 2002098521 A1 20020725  
AI US 2001-982473 A1 20011018 (9)  
PRAI US 2000-241253P 20001018 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 713  
INCL INCLM: 435/007.200  
INCLS: 435/372.000  
NCL NCLM: 435/007.200  
NCLS: 435/372.000  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 176 OF 196 USPATFULL on STN  
AN 2002:185271 USPATFULL  
TI Pharmaceutical combinations  
IN Brearley, Christopher John, Sandwich, UNITED KINGDOM  
Butler, Paul, Sandwich, UNITED KINGDOM  
Chahwala, Suresh Babubhai, Sandwich, UNITED KINGDOM  
Chopp, Michael, Sandwich, UNITED KINGDOM  
Krams, Michael, Sandwich, UNITED KINGDOM  
Looby, Michael, Sandwich, UNITED KINGDOM  
MacIntyre, Fiona, Sandwich, UNITED KINGDOM  
McElroy, Andrew Brian, Sandwich, UNITED KINGDOM  
McHarg, Aileen Dorothy, Sandwich, UNITED KINGDOM  
PI US 2002098179 A1 20020725  
AI US 2001-969271 A1 20011001 (9)  
PRAI GB 2000-25473 20001017  
US 2000-253847P 20001129 (60)  
DT Utility

FS APPLICATION  
LN.CNT 3309  
INCL INCLM: 424/094.640  
INCLS: 514/012.000  
NCL NCLM: 424/094.640  
NCLS: 514/012.000  
IC [7]  
ICM: A61K038-48  
ICS: A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 177 OF 196 USPATFULL on STN  
AN 2002:174981 USPATFULL  
TI 18232, a novel dual specificity phosphatase and uses therefor  
IN Meyers, Rachel A., Newton, MA, United States  
Weich, Nadine, Brookline, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)  
PI US 6420153 B1 20020716  
AI US 2000-704139 20001101 (9)  
PRAI US 2000-185772P 20000229 (60)  
DT Utility  
FS GRANTED  
LN.CNT 4450  
INCL INCLM: 435/196.000  
INCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.200; 536/023.100; 536/024.100  
NCL NCLM: 435/196.000  
NCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.100; 536/023.200; 536/024.100  
IC [7]  
ICM: C12N009-16  
ICS: C12N001-20; C12N005-00; C07H021-02; C07H021-04  
EXF 435/196; 435/252.3; 435/320.1; 435/325; 536/23.2; 536/23.1; 536/24.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 178 OF 196 USPATFULL on STN  
AN 2002:148641 USPATFULL  
TI 40322, a novel \*\*\*human\*\*\* dynamin  
IN Meyers, Rachel, Newton, MA, UNITED STATES  
PI US 2002076784 A1 20020620  
AI US 2001-796100 A1 20010228 (9)  
PRAI US 2000-185503P 20000228 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4407  
INCL INCLM: 435/195.000  
INCLS: 435/006.000; 435/007.100; 435/069.100; 435/325.000; 536/023.200  
NCL NCLM: 435/195.000  
NCLS: 435/006.000; 435/007.100; 435/069.100; 435/325.000; 536/023.200  
IC [7]  
ICM: C12N009-14  
ICS: C12Q001-68; G01N033-53; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 179 OF 196 USPATFULL on STN  
AN 2002:133852 USPATFULL  
TI 20685, 579, 17114, 23821, 33894 and 32613, novel \*\*\*human\*\*\* transporters  
IN Glucksmann, Maria Alexandra, Lexington, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2002068710 A1 20020606  
AI US 2001-795693 A1 20010228 (9)  
PRAI US 2000-185906P 20000229 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 8073  
INCL INCLM: 514/044.000  
INCLS: 514/012.000; 424/139.100  
NCL NCLM: 514/044.000  
NCLS: 514/012.000; 424/139.100  
IC [7]  
ICM: A61K031-70  
ICS: A01N043-04; A61K038-00; A61K039-395; A61K039-40; A61K039-42  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 180 OF 196 USPATFULL on STN  
AN 2002:120019 USPATFULL  
TI NOVEL \*\*\*HUMAN\*\*\* BETA2 INTEGRIN ALPHA SUBUNIT  
IN GALLATIN, W. MICHAEL, MERCER ISLAND, WA, UNITED STATES  
VAN DER VIEREN, MONICA, SEATTLE, WA, UNITED STATES  
PI US 2002062008 A1 20020523  
US 6620915 B2 20030916  
AI US 1999-350259 A1 19990708 (9)  
RLI Continuation of Ser. No. US 1998-193043, filed on 16 Nov 1998, GRANTED,  
Pat. No. US 6251395 Continuation-in-part of Ser. No. US 1997-943363,  
filed on 3 Oct 1997, GRANTED, Pat. No. US 5837478 Continuation-in-part  
of Ser. No. US 1996-605672, filed on 22 Feb 1996, GRANTED, Pat. No. US  
5817515 Continuation-in-part of Ser. No. US 1994-362652, filed on 21 Dec  
1994, GRANTED, Pat. No. US 5766850 Continuation-in-part of Ser. No. US  
1994-286889, filed on 5 Aug 1994, GRANTED, Pat. No. US 5470953  
Continuation-in-part of Ser. No. US 1993-173497, filed on 23 Dec 1993,  
GRANTED, Pat. No. US 5437958  
DT Utility  
FS APPLICATION  
LN.CNT 9847  
INCL INCLM: 530/387.300  
INCLS: 530/388.220; 530/388.730  
NCL NCLM: 530/387.300  
NCLS: 530/387.100; 530/387.300; 530/388.100; 530/388.200; 530/388.220;  
530/388.700; 435/326.000; 435/328.000; 435/332.000; 435/334.000;  
435/343.000; 435/343.100; 435/346.000  
IC [7]  
ICM: C07K016-00  
ICS: G01N033-567; C12P021-08  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 181 OF 196 USPATFULL on STN  
AN 2002:48008 USPATFULL  
TI Neuroprotective, antithrombotic and anti-inflammatory uses of activated  
protein C (APC)  
IN Griffin, John H., Del Mar, CA, UNITED STATES  
Zlokovic, Berislav Y., Rochester, NY, UNITED STATES  
PI US 2002028199 A1 20020307  
AI US 2001-777484 A1 20010205 (9)  
PRAI US 2000-180227P 20000204 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1433  
INCL INCLM: 424/094.630  
INCLS: 514/258.000; 514/165.000  
NCL NCLM: 424/094.630  
NCLS: 514/258.000; 514/165.000  
IC [7]  
ICM: A61K038-48  
ICS: A61K031-60; A61K031-519  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 182 OF 196 USPATFULL on STN  
AN 2002:13912 USPATFULL  
TI \*\*\*Human\*\*\* cell lines  
IN Stringer, Bradley Michael John, Cardiff, UNITED KINGDOM  
PA CellFactors plc, Cambridge, UNITED KINGDOM (non-U.S. corporation)  
PI US 6340592 B1 20020122  
AI US 2000-694203 20001023 (9)  
RLI Division of Ser. No. US 1999-390161, filed on 3 Sep 1999, now patented,  
Pat. No. US 6197585 Continuation of Ser. No. US 836440, now abandoned  
PRAI GB 1994-22523 19941108  
GB 1995-10555 19950524  
DT Utility  
FS GRANTED  
LN.CNT 932  
INCL INCLM: 435/372.000  
INCLS: 435/325.000; 435/366.000; 435/375.000; 435/440.000; 435/455.000;  
435/467.000; 536/023.100; 536/023.700; 536/023.720  
NCL NCLM: 435/372.000  
NCLS: 435/325.000; 435/366.000; 435/375.000; 435/440.000; 435/455.000;  
435/467.000; 536/023.100; 536/023.700; 536/023.720  
IC [7]  
ICM: C12N015-85  
ICS: C12N015-00; C12N015-11; C07H021-04  
EXF 435/6; 435/69.1; 435/91.1; 435/440; 435/455; 435/467; 435/325; 435/366;

435/368; 435/372; 435/375; 435/320.1; 536/23.1; 536/23.7; 536/23.72  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 183 OF 196 USPATFULL on STN  
AN 2002:12239 USPATFULL  
TI Methods for using 20893, a \*\*\*human\*\*\* protein kinase  
IN Galvin, Katherine M., Jamaica Plain, MA, UNITED STATES  
Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES  
Weich, Nadine S., Brookline, MA, UNITED STATES  
PI US 2002006618 A1 20020117  
AI US 2001-780949 A1 20010209 (9)  
PRAI US 2000-181690P 20000209 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4723  
INCL INCLM: 435/006.000  
INCLS: 435/004.000  
NCL NCLM: 435/006.000  
NCLS: 435/004.000  
IC [7]  
ICM: C12Q001-68  
ICS: C12Q001-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 184 OF 196 USPATFULL on STN  
AN 2001:223926 USPATFULL  
TI \*\*\*Human\*\*\* cell-lines  
IN stringer, Bradley Michael John, Cyncoed, Great Britain  
PI US 2001049143 A1 20011206  
AI US 2001-837561 A1 20010418 (9)  
RLI Continuation of Ser. No. US 2000-693597, filed on 20 Oct 2000, PENDING  
PRAI GB 1994-22523 19941108  
GB 1995-10555 19950524  
DT Utility  
FS APPLICATION  
LN.CNT 928  
INCL INCLM: 435/455.000  
INCLS: 435/456.000; 435/366.000  
NCL NCLM: 435/455.000  
NCLS: 435/456.000; 435/366.000  
IC [7]  
ICM: C12N015-86  
ICS: C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 185 OF 196 USPATFULL on STN  
AN 2001:212136 USPATFULL  
TI 39406 protein, a novel seven transmembrane protein  
IN Glucksmann, Maria Alexandra, Lexington, MA, United States  
Galvin, Katherine M., Jamaica Plain, MA, United States  
PA Millennium Pharmaceuticals, Inc (U.S. corporation)  
PI US 2001044130 A1 20011122  
AI US 2001-779239 A1 20010208 (9)  
PRAI US 2000-180912P 20000208 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4199  
INCL INCLM: 435/069.100  
INCLS: 435/325.000; 536/023.500; 530/350.000  
NCL NCLM: 435/069.100  
NCLS: 435/325.000; 536/023.500; 530/350.000  
IC [7]  
ICM: C12P021-02  
ICS: C12N005-06; C07H021-04; C07K014-705

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 186 OF 196 USPATFULL on STN  
AN 2001:40462 USPATFULL  
TI Pharmaceutical preparations of glutathione and methods of administration  
thereof  
IN Demopoulos, Harry B., Scarsdale, NY, United States  
Seligman, Myron L., Fairfield, CT, United States  
PA Antioxidant Pharmaceuticals Corp., Elmsford, NY, United States (U.S.  
corporation)  
PI US 6204248 B1 20010320  
AI US 1999-457642 19991209 (9)

RLI Continuation of Ser. No. US 331947 Continuation of Ser. No. US  
1997-2100, filed on 31 Dec 1997, now abandoned  
PRAI US 1996-34101P 19961231 (60)  
DT Utility  
FS Granted  
LN.CNT 5144  
INCL INCLM: 514/021.000  
INCLS: 514/018.000  
NCL NCLM: 514/021.000  
NCLS: 514/018.000  
IC [7]  
ICM: A61K031-00  
EXF 514/21; 514/18  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 187 OF 196 USPATFULL on STN  
AN 2001:33082 USPATFULL  
TI \*\*\*Human\*\*\* cell-lines  
IN Stringer, Bradley Michael John, Cardiff, United Kingdom  
PA CellFactors plc, Cambridge, United Kingdom (non-U.S. corporation)  
PI US 6197585 B1 20010306  
AI US 1999-390161 19990903 (9)  
RLI Continuation of Ser. No. US 836440, now abandoned  
PRAI GB 1994-22523 19941108  
GB 1995-10555 19950524  
DT Utility  
FS Granted  
LN.CNT 934  
INCL INCLM: 435/368.000  
INCLS: 435/325.000; 435/366.000; 435/375.000; 435/440.000; 435/455.000;  
435/467.000; 536/023.100; 536/023.700; 536/023.720  
NCL NCLM: 435/368.000  
NCLS: 435/325.000; 435/366.000; 435/375.000; 435/440.000; 435/455.000;  
435/467.000; 536/023.100; 536/023.700; 536/023.720  
IC [7]  
ICM: C12N015-85  
ICS: C12N015-00; C12N015-11; C07H021-04  
EXF 435/6; 435/69.1; 435/91.1; 435/440; 435/455; 435/325; 435/366; 435/368;  
435/372; 435/375; 435/320.1; 435/467; 536/23.1; 536/23.72; 536/23.7  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 188 OF 196 USPATFULL on STN  
AN 2001:21755 USPATFULL  
TI Cancer immunotherapy with semi-allogeneic cells  
IN Cohen, Edward P., Chicago, IL, United States  
PA Research Corporation Technologies, Inc., Tucson, AZ, United States (U.S.  
corporation)  
PI US 6187307 B1 20010213  
AI US 1998-16528 19980130 (9)  
PRAI US 1997-36620P 19970131 (60)  
DT Utility  
FS Granted  
LN.CNT 2184  
INCL INCLM: 424/093.210  
INCLS: 424/093.710; 435/455.000; 435/372.000; 435/366.000; 435/325.000;  
536/023.500  
NCL NCLM: 424/093.210  
NCLS: 424/093.710; 435/325.000; 435/366.000; 435/372.000; 435/455.000;  
536/023.500  
IC [7]  
ICM: C12N005-10  
ICS: C12N005-08; A01N063-00  
EXF 435/325; 435/455; 435/366; 435/372; 424/93.21; 424/93.71; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 189 OF 196 USPATFULL on STN  
AN 1999:142115 USPATFULL  
TI Stem cell proliferation factor  
IN Lawman, Michael J. P., Gainesville, FL, United States  
Lawman, Patricia D., Gainesville, FL, United States  
Denslow, Nancy D., Gainesville, FL, United States  
PA University of Florida, Gainesville, FL, United States (U.S. corporation)  
PI US 5981708 19991109  
AI US 1997-889228 19970708 (8)  
RLI Division of Ser. No. US 1994-319165, filed on 6 Oct 1994, now patented,  
Pat. No. US 5650299 which is a continuation-in-part of Ser. No. US

1993-132994, filed on 6 Oct 1993, now abandoned  
DT Utility  
FS Granted  
LN.CNT 2476  
INCL INCLM: 530/351.000  
INCLS: 530/300.000; 435/069.100; 435/325.000  
NCL NCLM: 530/351.000  
NCLS: 435/069.100; 435/325.000; 530/300.000  
IC [6]  
ICM: C07K014-52  
EXF 530/350; 530/351; 530/300; 435/69.1; 435/325  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 190 OF 196 USPATFULL on STN  
AN 1999:96476 USPATFULL  
TI Methods of treating inflammation and compositions therefor  
IN McFadden, D. Grant, Edmonton, Canada  
Lucas, Alexandra, Edmonton, Canada  
PA Viron Therapeutics, Inc., London, Canada (non-U.S. corporation)  
PI US 5939525 19990817  
AI US 1995-411043 19950327 (8)  
DT Utility  
FS Granted  
LN.CNT 2356  
INCL INCLM: 530/324.000  
INCLS: 514/021.000  
NCL NCLM: 530/324.000  
IC [6]  
ICM: A61K038-16  
EXF 514/21; 530/324  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 191 OF 196 USPATFULL on STN  
AN 1999:75756 USPATFULL  
TI Modified hookworm neutrophil inhibitors  
IN Moyle, Matthew, Escondido, CA, United States  
Foster, David L., Brighton, MA, United States  
PA Corvas International, Inc., San Diego, CA, United States (U.S.  
corporation)  
PI US 5919900 19990706  
AI US 1995-450497 19950526 (8)  
RLI Division of Ser. No. US 1993-173510, filed on 23 Dec 1993 which is a  
continuation-in-part of Ser. No. US 1993-151064, filed on 10 Nov 1993  
which is a continuation-in-part of Ser. No. US 1993-60433, filed on 11  
May 1993 which is a continuation-in-part of Ser. No. US 1992-996972,  
filed on 24 Dec 1992 which is a continuation-in-part of Ser. No. US  
1992-881721, filed on 11 May 1992, now abandoned  
DT Utility  
FS Granted  
LN.CNT 5740  
INCL INCLM: 530/350.000  
INCLS: 435/069.100; 435/172.100  
NCL NCLM: 530/350.000  
NCLS: 435/069.100  
IC [6]  
ICM: C07K014-435  
ICS: C12N015-01  
EXF 435/69.1; 435/172.1; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 192 OF 196 USPATFULL on STN  
AN 1999:72706 USPATFULL  
TI Methods of treating inflammation and compositions therefor  
IN McFadden, D. Grant, Edmonton, Canada  
Lucas, Alexandra, Edmonton, Canada  
PA Viron Therapeutics, Inc., London, Canada (non-U.S. corporation)  
PI US 5917014 19990629  
AI US 1995-468865 19950606 (8)  
RLI Continuation of Ser. No. US 1995-411043, filed on 27 Mar 1995  
DT Utility  
FS Granted  
LN.CNT 2074  
INCL INCLM: 530/324.000  
INCLS: 514/021.000  
NCL NCLM: 530/324.000  
IC [6]

ICM: A61K038-16  
EXF 514/21; 530/324  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 193 OF 196 USPATFULL on STN  
AN 1998:162339 USPATFULL  
TI Murine and humanizer 23F2G antibodies and cell lines expressing said antibodies  
IN Rose, Lynn M., Seattle, WA, United States  
PA ICOS Corporation, Bothell, WA, United States (U.S. corporation)  
Board of Regents of the University of Washington, Seattle, WA, United States (U.S. corporation)  
PI US 5854070 19981229  
AI US 1997-785571 19970121 (8)  
RLI Continuation of Ser. No. US 1995-396089, filed on 28 Feb 1995, now abandoned which is a continuation of Ser. No. US 1993-94535, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-60699, filed on 10 May 1993, now abandoned which is a continuation of Ser. No. US 1992-915068, filed on 16 Jul 1992, now abandoned  
DT Utility  
FS Granted  
LN.CNT 1524  
INCL INCLM: 435/343.200  
INCLS: 435/343.000; 435/343.100; 435/326.000; 435/328.000; 435/346.000; 435/358.000; 435/334.000; 530/387.100; 530/387.300; 530/388.100; 530/388.200; 530/388.220; 530/388.700; 530/388.730; 530/388.750  
NCL NCLM: 435/343.200  
NCLS: 435/326.000; 435/328.000; 435/334.000; 435/343.000; 435/343.100; 435/346.000; 435/358.000; 530/387.100; 530/387.300; 530/388.100; 530/388.200; 530/388.220; 530/388.700; 530/388.730; 530/388.750  
IC [6]  
ICM: C07K016-18  
ICS: C07K016-28; C12N005-12  
EXF 435/70.21; 435/172.2; 435/334; 435/343.2; 530/387.1; 530/388.2; 530/388.73  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 194 OF 196 USPATFULL on STN  
AN 1998:147225 USPATFULL  
TI Methods for enriching specific cell-types by density gradient centrifugation  
IN Van Vlasselaer, Peter, Sunnyvale, CA, United States  
PA Activated Cell Therapy, Inc., Mountain View, CA, United States (U.S. corporation)  
PI US 5840502 19981124  
AI US 1994-299467 19940831 (8)  
DT Utility  
FS Granted  
LN.CNT 2018  
INCL INCLM: 435/007.210  
INCLS: 210/781.000; 210/782.000; 435/002.000; 435/007.230; 435/007.240; 435/803.000; 436/514.000; 436/518.000; 436/527.000; 436/824.000; 422/072.000; 422/101.000; 422/102.000  
NCL NCLM: 435/007.210  
NCLS: 210/781.000; 210/782.000; 422/072.000; 422/101.000; 422/102.000; 435/002.000; 435/007.230; 435/007.240; 435/803.000; 436/514.000; 436/518.000; 436/527.000; 436/824.000  
IC [6]  
ICM: G01N033-567  
ICS: B01L011-00  
EXF 210/781; 210/782; 435/2; 435/7.21; 435/7.23; 435/7.24; 435/803; 436/514; 436/518; 436/527; 436/824; 422/72; 422/101; 422/102  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 195 OF 196 USPATFULL on STN  
AN 1998:48215 USPATFULL  
TI Method of detecting neutrophil inhibitory factor mimics  
IN Moyle, Matthew, Escondido, CA, United States  
Foster, David L., Brighton, MA, United States  
Vlasuk, George P., Carlsbad, CA, United States  
PA Corvas International, Inc., San Diego, CA, United States (U.S. corporation)  
PI US 5747296 19980505  
AI US 1993-173510 19931223 (8)  
RLI Continuation-in-part of Ser. No. US 1993-151064, filed on 10 Nov 1993 which is a continuation-in-part of Ser. No. US 1993-60433, filed on 11

May 1993 which is a continuation-in-part of Ser. No. US 1992-996972,  
filed on 24 Dec 1992 which is a continuation-in-part of Ser. No. US  
1992-881721, filed on 11 May 1992, now abandoned

DT Utility  
FS Granted  
LN.CNT 5069  
INCL INCLM: 435/072.000  
INCLS: 435/007.100; 435/007.900; 435/007.920; 424/851.000; 424/327.000;  
424/527.000; 514/002.000; 514/008.000; 530/351.000; 530/355.000  
NCL NCLM: 435/007.200  
NCLS: 424/085.100; 435/007.100; 435/007.900; 435/007.920; 514/002.000;  
514/008.000; 530/351.000; 530/355.000  
IC [6]  
ICM: G01N033-53  
ICS: A61K039-002; C07K014-44  
EXF 424/85.1; 424/327; 424/527; 514/2; 514/8; 530/351; 530/395; 435/7.1;  
435/7.9; 435/7.92; 435/7.2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
L5 ANSWER 196 OF 196 USPATFULL on STN  
AN 97:63902 USPATFULL  
TI Cells producing stem cell proliferation factor  
IN Lawman, Michael J. P., Orlando, FL, United States  
Lawman, Patricia D., Orlando, FL, United States  
Denslow, Nancy D., Gainesville, FL, United States  
PA The University of Florida, Gainesville, FL, United States (U.S.  
corporation)  
PI US 5650299 19970722  
STN INTERNATIONAL LOGOFF AT 16:05:05 ON 10 OCT 2003